

W-series sets standards!

When it comes to functional perfection even in details, Weidmüller's W-series defines the market standards for many years now!

The W-series comprises products for conductor cross-sections between 1.5 and 300 mm² which can be used for all important electrical applications (connecting, protecting, disconnecting, measuring...). Especially in the following fields the W-series plays a major role:

- Industrial automation
- Building control
- Transport technology
- Process control

Steady progress!

In the range of screw-connection terminals, no other product assortment available on the market has made such consequent improvements and has taken up new developments as the W-series! This success is reflected by our current new developments:

- **WPE 1.5/ R3.5** (prot. conductor terminals) extension of the slimmest product family (3.5 mm) for TS 15 available on the market
- **WDU 4N** (feed-through terminals)
WPE 4N (prot. conductor terminals) Extension of the range of "compact design" terminals, which are especially conceived for confined spaces
- **WDU 10ZR** (feed-through terminals)
WPE 10ZR (prot. conductor terminals) 10 mm² terminal with in total 4 mm² connection for measuring and control applications
- **WDU 240** (feed-through terminals) Acc. to clamping yoke principle for all nominal cross-sections.
WDU 50 / WDU 95 under preparation
- **WF 6-12** (stud terminals) New assortment of single-stud terminals in Wemid (V0) and up to 2300 V
- **ST 4000** (stud terminals) New range of double-stud terminals with a rated voltage of V0 and 4000 V, in particular suitable for railway applications. Weidmüller is the only supplier of stud terminals in the range 0...4000 V.

What is more, all products currently available are continuously improved to fulfill the demands of our customers. Examples:

- **WPE 2.5 / WPE 4**
- **WDK 2.5 F** product range
- **WNT 2.5**

W-series offers advantages

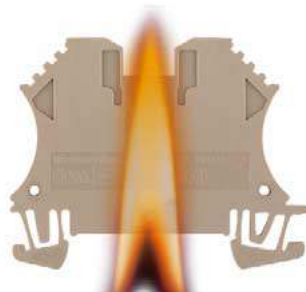
The W-series provides the highest number of advantages compared to all other screw-connection terminals currently available!

1) Easy project planning

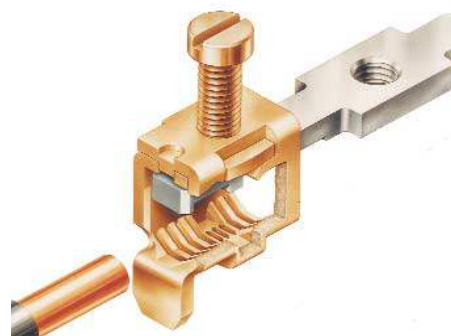
- matching contour dimensions between 1.5 – 16 mm² in standard design
- uniform accessories for different cross-section ranges (WDU 2.5 to WDU 16)
- convenient terminal marking options thanks to two marking systems, WS / DEK
- special design of clamping units for connection of 2 conductors (see chapter "Accessories"/page 311)
- Optional selection between standard design with all features and the space-saving compact design for feed-through terminals

2) Maximum safety level

- Wemid insulating material



- best tracking index - non-tracking CTI 600
- temperature-resistant up to 120 °C - no derating up to 75 °C
- self-extinguishing – V0 according to UL
- no harmful substances
- safe from finger-touch (according to VGB 4)
- Best contact reliability thanks to patented clamping yoke system



- 2 conductors of the same cross-section can be connected in EEx e
- no ferrules necessary
- large gas-tight contact – low voltage drop
- highly flexible conductors connectable
- high contact force
- 100 % vibration-proof – no retightening of clamping screws required

3) Time-saving potential distribution with pluggable cross-connection system (ZQV)

40 % of all terminals are cross-connected! Weidmüller offers the screw cross-connection system WQV and the pluggable cross-connection system ZQV.

The cross-connection system ZQV can be used for 75 % of all applications (feed-through and double-deck terminals 2.5 and 4 mm², disconnect-test and fuse terminals).



- parallel routing of 2 or 3 potentials (WDU 2.5 and WDU 4)
- easy extension
- coloured marking
- safe from finger-touch (VGB 4)
- faster mounting than screw-type cross-connections

4) Easy mounting

- ergonomical design through recessed grips
- snap-on and removal possible on both sides
- funnel-shaped wire insertion aperture
- no ferrules required
- self-centering on TS 35

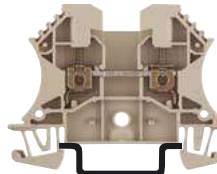
5) Convenient testing options

- use of contact-proof test socket screw, partially also for mounted cross-connections WQV
- safe locking on terminal support with test adapter WTA

Feed-through terminals

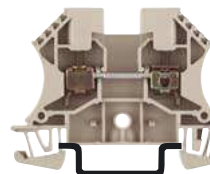
Standard design

WDU 2.5



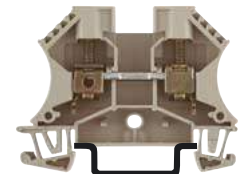
32 A/4 mm ²	UL	KEM	CS	LR	DNV
5/60/47					
10 mm/M 2.5/3.5 x 0.6					
800 V/24 A/2.5 mm ²					
8 kV/3					
Tightening torque range	Nm	0.4...0.8			
Torque setting with DMS 2 electric screwdriver		1			
CLAMPABLE CONDUCTORS					
Solid H07V-U	mm ²	0.5...4			
Stranded H07V-R	mm ²	1.5...4			
Flexible H07V-K	mm ²	0.5...4			
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm ²	0.5...2.5			
Flexible H07V-K and ferrules with plastic insul. collar	mm ²	0.5...(2.5 ¹)			
Max. clamping range in mm ² / gauge pin iaw. 60 947-1	Size	0.13...4	A 3		
Cont. current of cross-connect. WQV/ZQV 2-5-pole	A	32/24			
Cont. current of cross-connect. WQV/ZQV 6-10-pole	A	32/24			

WDU 4



41 A/6 mm ²	UL	KEM	CS	LR	DNV
6/60/47					
10 mm/M 3/3.5 x 0.6					
800 V/32 A/4 mm ²					
8 kV/3					
Tightening torque range	Nm	0.5...1.0			
Torque setting with DMS 2 electric screwdriver		2			
CLAMPABLE CONDUCTORS					
Solid H07V-U	mm ²	0.5...6			
Stranded H07V-R	mm ²	1.5...6			
Flexible H07V-K	mm ²	0.5...6			
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm ²	0.5...4			
Flexible H07V-K and ferrules with plastic insul. collar	mm ²	0.5...4			
Max. clamping range in mm ² / gauge pin iaw. 60 947-1	Size	0.13...6	A 4		
Cont. current of cross-connect. WQV/ZQV 2-5-pole	A	41/32			
Cont. current of cross-connect. WQV/ZQV 6-10-pole	A	41/32			

WDU 6



57 A/10 mm ²	UL	KEM	CS	LR	DNV
8/60/47					
12 mm/M 3.5/4.0 x 0.8					
800 V/41 A/6 mm ²					
8 kV/3					
Tightening torque range	Nm	0.8...1.4			
Torque setting with DMS 2 electric screwdriver		3			
CLAMPABLE CONDUCTORS					
Solid H07V-U	mm ²	0.5...10			
Stranded H07V-R	mm ²	1.5...10			
Flexible H07V-K	mm ²	0.5...10			
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm ²	0.5...10			
Flexible H07V-K and ferrules with plastic insul. collar	mm ²	0.5...6			
Max. clamping range in mm ² / gauge pin iaw. 60 947-1	Size	0.5...10	A 5		
Cont. current of cross-connect. WQV/ZQV 2-5-pole	A	57/57			
Cont. current of cross-connect. WQV/ZQV 6-10-pole	A	57/57			

Max. technical data

Dimensions / approvals

Width/length/height (mm) with TS 35 x 7.5

Insulation stripping length/clamping screw/screwdriver blade

VDE rated data 0611 Part 1/8.92/IEC 60 947-1

Rated voltage/current/cross-section

Rated impulse voltage/pollution severity

Further technical data

Tightening torque range Nm

Torque setting with DMS 2 electric screwdriver

Clampable conductors

Solid H07V-U	mm ²	0.5...4			
Stranded H07V-R	mm ²	1.5...4			
Flexible H07V-K	mm ²	0.5...4			
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm ²	0.5...2.5			
Flexible H07V-K and ferrules with plastic insul. collar	mm ²	0.5...(2.5 ¹)			
Max. clamping range in mm ² / gauge pin iaw. 60 947-1	Size	0.13...4	A 3		
Cont. current of cross-connect. WQV/ZQV 2-5-pole	A	32/24			
Cont. current of cross-connect. WQV/ZQV 6-10-pole	A	32/24			

UL/CSA rated data

Voltage/current/conductor size	UL	600 V/25 A/22...12 AWG
Voltage/current/conductor size	CSA	600 V/20 A/26...12 AWG

Ordering data

Type	Cat. No.	Qty.
WDU 2.5	1020000000	100
WDU 2.5	1020080000	100
WDU 2.5	1020060000	100
WDU 2.5/10	1020700000	10
WDU 2.5/10	1020800000	10
WAP 2.5-10	1050000000	50
WAP 2.5-10	1050080000	50
WTW 2.5-10	1050100000	20
WTW 2.5-10	1050180000	20

End plate/partition

Dark beige Wemid		
Blue Wemid		
Dark beige Wemid		
Blue Wemid		

Cross-connection

WQV	Qty.	ZQV	Qty.
2-pole	1053360000	1693800000	60
3-pole	1053760000	1693810000	60
4-pole	1053860000	1693820000	60
5...9-pole	WQV see p. 262 / ZQV see p. 263		
10-pole	1054460000	1693880000	20
50 and/or 41-pole		1693890000	10
Cross-connection comb	WQB B/24	1579060000	20
Screening bar	LS 2.8 ²⁾	1056400000	50
Notching tool	WAW 1	9004500000	1

Test adapter

WTA			
WTA 2	1632320000	50	
WTA 2/ZA	1632330000	50	
WTA 2/10	1632340000	5	
WTA 3	1632350000	50	
WTA 3/ZA	1632360000	50	
WTA 3/10	1632370000	5	
WTA 5/1	1051260000	25	

Test plug/socket (safe from finger-contact⁴⁾)

PS 2.3	Test plug (ø2.3 mm)	0180400000	20
	Test plug (ø4.0 mm)		
StB 8.5	Test socket screw 8.5 (ø2.3 mm)	0215700000	50
	Test socket screw 14 (ø4.0 mm)		

Covers

With symbol	WAD 5	1053460000	50
White	WAD 5 white	1056060000	50

Group marking

WGB	T5	Tag carrier for S 10 markers
WGB 5	1050760000	50
T 5	0348500000	100
SF 10	0332400000	1000
SG 10	0332500000	1000

Marking tags

DEK	Standard	DEK 5	see "Accessories"
WS	white neutral	WS 12/5	1609860000 720
WS	indiv. printed	WS 12/5	1773380000 300

Mounting rails, end brackets, further marking materials see "Accessories"

¹⁾ Ferrules with optimum diam. for terminals with 5 mm pitch: Cat. No. **1333100000**

²⁾When using the screen plug, rated voltage is reduced to 400 V!

³⁾ Finger-safe StB 21.6 **1071000000** (ø 4 mm) can also be used with WQV



⁴⁾ Finger-safe StB **1071000000** can be used for WDU 2.5/WDU 6

Feed-through terminals


Standard design

Max. technical data	
Dimensions / approvals	
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	
VDE rated data 0611 Part 1/8.92/IEC 60 947-1	
Rated voltage/current/cross-section	
Rated impulse voltage/pollution severity	
Further technical data	
Tightening torque range	Nm
Torque setting with DMS 2 electric screwdriver	
Clampable conductors	
Solid H07V-U	mm²
Stranded H07V-R	mm²
Flexible H07V-K	mm²
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm²
Flexible H07V-K and ferrules with plastic insul. collar	mm²
Max. clamping range in mm² / gauge pin iaw. 60 947-1	Size
Cont. current of cross-connect. WQV/ZQV 2-5-pole	A
Cont. current of cross-connect. WQV/ZQV 6-10-pole	A
UL/CSA rated data	
Voltage/current/conductor size	
Voltage/current/conductor size	
Ordering data	
Type	Version
	Dark beige Wemid
	Blue Wemid
	Dark beige Wemid
	Blue Wemid

End plate/partition	
	
WAP (thickn. 1.5 mm)	WTW

Cross-connection	
	
WQV	
Cross-connection comb	
	
LS 2.8	Screening bar
Notching tool	

Test adapter	
	
WTA	TA 1
Strain relief	

Test plug/socket (safe from finger-contact ¹⁾)	
	
PS 2.3	Test plug (ø2.3 mm)
	Test plug (ø4.0 mm)
STB 8.5	Test socket screw 8.5 (ø2.3 mm)
	Test socket screw 14 (ø4.0 mm)

Covers	
	
With symbol	
white	
WAD for self-labelling/white	

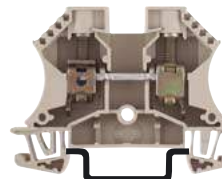
Group marking	
	
WGB	T5
Tag carrier for S 10 markers	

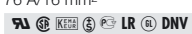
Marking tags	
	
DEK	Standard
WS white	neutral
WS	indiv. printed

Mounting rails, end brackets, further marking materials see "Accessories"

¹⁾ Finger-safe test socket screw **1071000000** can be used for WDU 10
²⁾ When using the screening bar, rated voltage is reduced to 400 V!

WDU 10



76 A/16 mm²

10/60/47
12 mm/M 4/5.5 x 1.0
1000 V/57 A/10 mm²
8 kV/3
Tightening torque range
1.2...2.4
4
Clampable conductors
Solid H07V-U
Stranded H07V-R
Flexible H07V-K
Flexible H07V-K and ferrule acc. to DIN 46 228/1
Flexible H07V-K and ferrules with plastic insul. collar
Max. clamping range in mm² / gauge pin iaw. 60 947-1
Cont. current of cross-connect. WQV/ZQV 2-5-pole
Cont. current of cross-connect. WQV/ZQV 6-10-pole
600 V/60 A/16...6 AWG
600 V/65 A/16...6 AWG

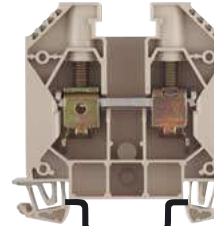
Type	Cat. No.	Qty.
WDU 10	1020300000	50
WDU 10	1020380000	50
Type	Cat. No.	Qty.
WAP 2.5-10	1050000000	50
WAP 2.5-10	1050080000	50
WTW 2.5-10	1050100000	20
WTW 2.5-10	1050180000	20

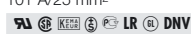
Type	Cat. No.	Qty.
WQV 10/2	1052560000	50
WQV 10/3	1054960000	50
WQV 10/4	1055060000	50
WQV see p. 262		
WQV 10/10	1052460000	20
LS 2.8 ²⁾	1056400000	50
WAW 1	9004500000	1
WTA 5/1	1051260000	25

Type	Cat. No.	Qty.
PS 2.3(ø2.3)	0180400000	20
PS 4(ø4)	0299600000	20
STB 8.5(ø2.3)	0280600000	50
STB 14(ø4)	0169900000	50
WAD 8	1053560000	50
WAD 8white	1056160000	50
WGB 8	1050960000	50
T 5	0348500000	100
SF 10	0332400000	1000
SG 10	0332500000	1000

Type	Cat. No.	Qty.
DEK 5	see "Accessories"	
WS 12/6.5	1609920000	540
WS 12/6.5	1609930000	108

WDU 16 • WDU 16ZA³⁾



101 A/25 mm²

12/60/63
16 mm/M 5/5.5 x 1.0
1000 V/76 A/16 mm²
8 kV/3
Tightening torque range
2.0...4.0
Clampable conductors
Solid H07V-U
Stranded H07V-R
Flexible H07V-K
Flexible H07V-K and ferrule acc. to DIN 46 228/1
Flexible H07V-K and ferrules with plastic insul. collar
Max. clamping range in mm² / gauge pin iaw. 60 947-1
Cont. current of cross-connect. WQV/ZQV 2-5-pole
Cont. current of cross-connect. WQV/ZQV 6-10-pole
600 V/70 A/14...6 AWG
600 V/65 A/14...6 AWG

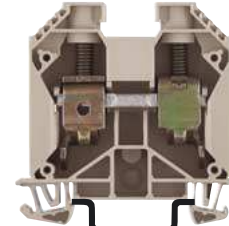
Type	Cat. No.	Qty.
WDU 16	1028900000	50
WDU 16	1020400000	50
WDU 16	1028980000	50
WDU 16	1020480000	50
Type	Cat. No.	Qty.
WAP 16-35	1050100000	20
WAP 16-35	1050180000	20

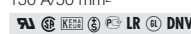
Type	Cat. No.	Qty.
WQV 16/2	1053260000	50
WQV 16/3	1055160000	50
WQV 16/4	1055260000	50
WQV see p. 262		
WQV 16/10	1053360000	10
WQV16/2Blue	1053280000	50
WAW 1	9004500000	1

Type	Cat. No.	Qty.
PS 4(ø4)	0299600000	20
STB 16(ø4)	0140200000	50
WAD 12	1055960000	50
WAD12white	1056260000	50
T 5	0348500000	100
SF 10	0332400000	1000
SG 10	0332500000	1000

Type	Cat. No.	Qty.
DEK 5	see "Accessories"	
WS 12/6.5	1609920000	540
WS 12/6.5	1609930000	108

WDU 35 • WDU 35ZA³⁾



150 A/50 mm²

16/60/63
18 mm/M 6/6.5 x 1.2
1000 V/125 A/35 mm²
8 kV/3
Tightening torque range
2.5...5.0 / 3.0...6.0 ⁴⁾
Clampable conductors
Solid H07V-U
Stranded H07V-R
Flexible H07V-K
Flexible H07V-K and ferrule acc. to DIN 46 228/1
Flexible H07V-K and ferrules with plastic insul. collar
Max. clamping range in mm² / gauge pin iaw. 60 947-1
Cont. current of cross-connect. WQV/ZQV 2-5-pole
Cont. current of cross-connect. WQV/ZQV 6-10-pole
600 V/115 A/12...2 AWG
600 V/120 A/12...2 AWG

Type	Cat. No.	Qty.
WDU 35	1028800000	25
WDU 35	1020500000	40
WDU 35	1028880000	25
WDU 35	1020580000	40
WDU 35	1029000000	25
WDU 35	1020600000	25
Hex. socket	Hex. socket	
WDU 35	1029080000	25
WDU 35	1020680000	25
Hex. socket	Hex. socket	

Type	Cat. No.	Qty.
WQV 35/2	1053060000	50
WQV 35/3	1055360000	50
WQV 35/4	1055460000	50
WQV see p. 262		
WQV 35/10	1053160000	10
WQV 35/2 Blue	1053080000	50
WAW 1	9004500000	1

Type	Cat. No.	Qty.
PS 4(ø4)	0299600000	20
STB 16(ø4)	0140200000	50
WAD 12	1055960000	50
WAD12white	1056260000	50
T 5	0348500000	100
SF 10	0332400000	1000
SG 10	0332500000	1000

Type	Cat. No.	Qty.
DEK 5	see "Accessories"	
WS 12/6.5	1609920000	540
WS 12/6.5	1609930000	108

⁴⁾ Tightening torque for variant with hexagonal socket

Feed-through terminals

Standard design

Max. technical data

Dimensions / approvals	
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	
VDE rated data 0611 Part 1/8.92/IEC 60 947-7-1	
Rated voltage/current/cross-section	
Rated impulse voltage/pollution severity	
Further technical data	
Tightening torque range	Nm
Torque setting with DMS 2 electric screwdriver	
Clampable conductors	
Solid H07V-U	mm ²
Stranded H07V-R	mm ²
Flexible H07V-K	mm ²
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm ²
Flexible H07V-K and ferrules with plastic insul. collar	mm ²
Max. clamping range in mm ² / gauge pin iaw. 60 947-1	Size
Cont. current of cross-connect. WQV/ZQV 2–5-pole	A
Cont. current of cross-connect. WQV/ZQV 6–10-pole	A

UL/CSA rated data	
Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA

Ordering data	Version
	Dark beige Wemid
	Blue Wemid
	Orange PA

Block of 10 terminals, print. mark. DEK 5 1–9 Wemid
Block of 10 terminals, unprint. mark. DEK 5 neutral 1–9 Wemid

End plate/partition	Type	Cat. No.	Qty.
	Dark beige Wemid	WAP 2.5-10	1050000000 50
	Blue Wemid	WAP 2.5-10	1050080000 50
	Dark beige Wemid	WTW 2.5-10	1050100000 20
	Blue Wemid	WTW 2.5-10	1050180000 20

WAP (thickness 1.5 mm) WTW

Cross-connection	WQV	Qty.	ZQV	Qty.
2-pole	1053660000	50	1693800000	60
3-pole	1053760000	50	1693810000	60
4-pole	1053860000	50	1693820000	60
5...9-pole	WQV see p. 262 / ZQV see p. 263			
10-pole	1054460000	20	1693880000	20
50-pole	1693890000 10			
Cross-connection comb	WQB B/24	1579060000	20	1579060000
Screening bar	LS 2.8 ²⁾	1056400000	50	1056400000
Notching tool	WAW 1	9004500000	1	9004500000

Test adapter	WTA	TA 1
	WTA 2	1632320000 50
	WTA 2/ZA	1632330000 50
	WTA 2/10	1632340000 5
Strain relief	ZE 1	1632150000 50

Test plug/socket	PS 2.3	Test plug (ø2.3 mm)	PS 2.3(ø2.3)	0180400000	20
		Test plug (ø4.0 mm)	StB 8.5(ø2.3)	0215700000	50
		Test socket screw 8.5 (ø2.3 mm)			
	StB 8.5	Test socket screw 14 (ø4.0 mm)			

Covers	WAD 4	1072000000	50
With symbol white	WAD 4 white	1072100000	50

Group marking	T 5	0348500000	100
	SF 10	0332400000	1000
	SG 10	0332500000	1000

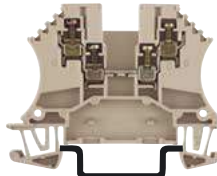
WGB T5 Tag carrier for S 10 markers

Marking tags	DEK 5	Standard	DEK 5	see "Accessories"
	WS 12/5	white neutral	WS 12/5	1609860000 720
	WS 12/5	indiv. printed	WS 12/5	1773380000 300

Mounting rails, end brackets, further marking materials see "Accessories"

1) Ferrules with optimum diam. for terminals with 5 mm pitch: Cat. No. **1333100000**
2) When using the screen plug, rated voltage is reduced to 400 V!
3) Twin connection

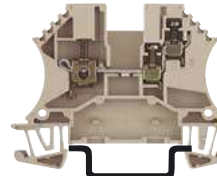
WDU 1.5/ZZ



23 A/2.5 mm ²	VA UL CCC LR LR LR LR
5/60/47	5/60/47
7 mm/M 2.5/3.5 x 0.6	800 V/17.5 A/1.5 mm ²
	8 kV/3
	0.4...0.6
	1

Type	Cat. No.	Qty.
WDU 1.5 ZZ	1031400000	100
WDU 1.5 ZZ	1031480000	100

WDU 2.5/1.5/ZR

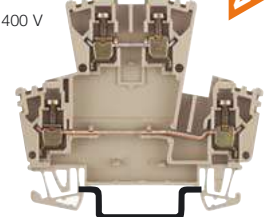


32 A/4 mm ²	VA UL CCC LR LR LR LR DNV
5/60/47	5/60/47
10/7 mm/M 2.5/3.5 x 0.6	800 V/24 A/2.5 mm ² 800 V/17.5 A/1.5 mm ²
	8 kV/3
	0.4...0.6
	1

Type	Cat. No.	Qty.
WDU 2.5/1.5 ZR	1024700000	100
WDU 2.5/1.5 ZR	1024780000	100

WDK 2.5/ZQV WDK 2.5

400 V



32 A/4 mm ²	VA UL CCC LR LR LR LR DNV
5/69/63	5/69/63
10 mm/M 2.5/3.5 x 0.6	400 V/24 A/2.5 mm ²
	6 kV/3
	0.4...0.6
	1

Type	Cat. No.	Qty.
WDK 2.5	1021500000	100
WDK 2.5	1041100000	100
WDK 2.5	1021580000	100
WDK 2.5	1041180000	100
WDK 2.5	1021560000	100
WDK 2.5	1025600000	10
WDK 2.5	1025610000	10
WDK 2.5	1025700000	10

Type	Cat. No.	Qty.
WAP	1059100000	20
WAP	1059180000	20
WTW	1058800000	20

WQV	Qty.	ZQV	Qty.
1053660000	50	1693800000	60
1053760000	50	1693810000	60
1053860000	50	1693820000	60
1054460000	20	1693880000	20
		1693890000	10
WQB B/24	1579060000	20	1579060000
LS 2.8 ²⁾	1056400000	50	1056400000
WAW 1	9004500000	1	9004500000

WTA	TA 1
WTA 2	0535860000 20

Feed-through terminals

Standard design

Max. technical data

Dimensions / approvals

Width/length/height (mm) with TS 35 x 7.5

Insulation stripping length/clamping screw/screwdriver blade

VDE rated data 0611 Part 1/8.92/IEC 60 947-7-1

Rated voltage/current/cross-section

Rated impulse voltage/pollution severity

Further technical data

Tightening torque range Nm

Torque setting with DMS 2 electric screwdriver

Clampable conductors

Solid H07V-U mm²

Stranded H07V-R mm²

Flexible H07V-K mm²

Flexible H07V-K and ferrule acc. to DIN 46 228/1 mm²

Flexible H07V-K and ferrules with plastic insul. collar mm²

Max. clamping range in mm² / gauge pin iaw. 60 947-1 Size

Cont. current of cross-connect. WQV/ZQV 2–5-pole A

Cont. current of cross-connect. WQV/ZQV 6–10-pole A

UL/CSA rated data

Voltage/current/conductor size UL

Voltage/current/conductor size CSA

Ordering data

Version	Dark beige Wemid
	Blue Wemid
	Dark beige Wemid

End plate/partition

	Dark beige Wemid
	Blue Wemid
	Dark beige Wemid
	Blue Wemid
	Frame WDK 2.5

Cross-connection

	WQV	2-pole	Q 2	0369000000	50
	ZQV	3-pole	Q 3	0369100000	50
	ZQV	4-pole	Q 4	0369200000	50
	ZQV	5...9-pole	see p. 272...274		
	WQB 12/24	10-pole	Q 10	0369300000	20
	LS 2.8	50-pole	LS 2.8 ²⁾	1056400000	50
		Cross-connection comb			
		Screening bar			
		Notching tool			

Test adapter

	WTA				
	TA 1				Strain relief

Test plug/socket

	PS 2.3	Test plug (ø2.3 mm)	PPS2.3(ø2.3)	0180400000	20
	PS 2.3	Test plug (ø4.0 mm)			
	StB 8.5	Test socket screw 8.5 (ø2.3 mm)	StB8.5(ø2.3)	0215700000	50
	StB 8.5	Test socket screw 14 (ø4.0 mm)			

Covers

	ADP 3	With symbol	ADP 3	0485400000	20 x 1 m
	HP 3	white	HP 3	0485760000	20
	WAD 4	WAD for self-labelling/white	WAD 4	1072000000	50

Group marking

	WGB	Tag carrier for S 10 markers	WT 4	1341060000	100
	T5		SF 10	0332400000	1000
	SG 10		SG 10	0332500000	1000

Marking tags

	Print		
	DEK	Standard	DEK 5 see "Accessories"
	WS	white neutral	WS 8/5 1640740000 720
	WS	indiv. printed	WS 8/5 1773360000 300

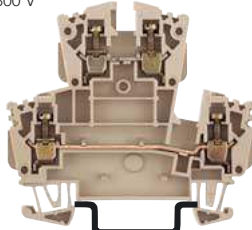
Mounting rails, end brackets, further marking materials see "Accessories"

¹⁾ Ferrules with optimum diam. for terminals with 5 mm pitch:

Cat. No. **1333100000**

WDK 2.5

800 V



32 A/4 mm²

LR DNV

6/69/63

10 mm/M 2.5/3.5 x 0.6

800 V/24 A/2.5 mm²

8 kV/3

0.4...0.6

1

0.5...4

1.5...4

0.5...4

0.5...2.5

0.5...2.5

0.13...4

32/-

32/-

Type	Cat. No.	Qty.
WDK 2.5	1029100000	100

WAP	1059100000	20
WAP	1059180000	20
WTW	1058800000	20

Q 2	0369000000	50
Q 3	0369100000	50
Q 4	0369200000	50
Q 10	0369300000	20
LS 2.8 ²⁾	1056400000	50

TA 1	0535860000	20
------	------------	----

PPS2.3(ø2.3)	0180400000	20
StB8.5(ø2.3)	0215700000	50

ADP 3	0485400000	20 x 1 m
HP 3	0485760000	20
WAD 4	1072000000	50

WT 4	1341060000	100
SF 10	0332400000	1000
SG 10	0332500000	1000

DEK 5	see "Accessories"
WS 8/5	1640740000 720
WS 8/5	1773360000 300

WDK 2.5V / WDK 2.5DU-PE

400 V



24 A/2.5 mm²

LR

5/69/63

10 mm/M 2.5/3.5 x 0.6

400 V/24 A/2.5 mm²

6 kV/3

0.4...0.6

1

0.5...4

1.5...4

0.5...4

0.25...2.5

0.25...2.5¹⁾

0.13...4

32/-

32/-

300 V/20 A/22...12 AWG

300 V/10 A/26...12 AWG

WDK 2.5 V	1022300000	100
WDK 2.5 V	1022380000	100
WDK 2.5 DU-PE*	1036400000	100

*lower connection level marked in green-yellow

WAP	1059100000	20
WTW	1058800000	20

WQV 2.5/2	1053660000	50
WQV 2.5/3	1053760000	50
WQV 2.5/4	1053860000	50
WQV	see p. 262	
WQV2.5/10	1054460000	20
WQB A/24	1579000000	20

WAW 1	9004500000	1
-------	------------	---

TA 1	0535860000	20
------	------------	----

PS2.3(ø2.3)	0180400000	20
StB8.5(ø2.3)	0215700000	50

ADP 3	0485400000	20 x 1 m
HP 3	0485760000	20
WAD 4	1072000000	50

WT 4	1341060000	100
SF 10	0332400000	1000
SG 10	0332500000	1000

DEK 5	see "Accessories"
WS 8/5	1640740000 720
WS 8/5	1773360000 300

WDU 10 ZR

neu



76 A / 16 mm

41 A / 6 mm

Twin connection

10/70/49.5

12 mm/M4/5.5 x 10 9 mm/M3/3.5 x 0.6

800 V/57 A/10 mm² 800 V/32 A/4mm²

8 kV/3

1.2...2.4

0.5...1.0

4

2

1.5...16

0.5...6

1.5...16³⁾

1.5...4

1.5...16

0.5...4

1.5...16

0.5...4

1.5...16

0.5...4

1.31...16

0.2...6

41/-

41/-

Approval pending

Approval pending

Type	Cat. No.	Qty.
WDU 10 ZR	1042400000	50
WDU 10 ZR	1042480000	50

WQV 10/2	1052560000	50
WQV 10/3	1054960000	50
WQV 10/4	1055060000	50
WQV	see p. 262	

WTA 5/1	1051260000	25
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PS2.3(ø 2.3)	0180400000	20
PS4(ø 4)	0299600000	20
StB8.5(ø 2.3)	0215700000	50
StB14(ø 0.4)	01669900000	50

ADP 3	0485400000	20 x 1 m
HP 3	0485760000	20
WAD 4	1072000000	50

WGB 8	1050960000	50
TS 5	0348500000	100
SF 10	0332400000	1000
SG 10	0332500000	1000

DEK 5	see "Accessories"
WS 12/6.5	1609920000 720
WS 12/6.5	1609930000 300

Feed-through terminals

Compact-Design "N" for low type

Max. technical data

Dimensions / approvals	
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	
VDE rated data 0611 Part 1/8.92/IEC 60 947-7-1	
Rated voltage/current/cross-section	
Rated impulse voltage/pollution severity	
Further technical data	
Tightening torque range	Nm
Torque setting with DMS 2 electric screwdriver	
Clampable conductors	
Solid H07V-U	mm²
Stranded H07V-R	mm²
Flexible H07V-K	mm²
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm²
Flexible H07V-K and ferrules with plastic insul. collar	mm²
Max. clamping range in mm² / gauge pin iaw. 60 947-1	Size
Cont. current of cross-connect. WQV/ZQV 2-5-pole	A
Cont. current of cross-connect. WQV/ZQV 6-10-pole	A

UL/CSA rated data	
Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA

Ordering data		Version	
		Dark beige Wemid	
		Blue Wemid	
		Orange PA	
Block of 10 terminals, print. mark. DEK 5 1-9 Wemid			
Block of 10 terminals, unprint. mark. DEK 5 neutral 1-9 Wemid			

End plate/partition	
	Dark beige Wemid
	Blue Wemid
	Dark beige Wemid
	Blue Wemid

Cross-connection	
WQV	ZQV
2-pole	
3-pole	
4-pole	
5...9-pole	
10-pole	
50- bzw 41-pole-pole	
Cross-connection comb	

Test adapter	
WTA	TA 1
Strain relief	

Test plug/socket	
PS 2.3	Test plug (ø2.3 mm)
	Test plug (ø4.0 mm)
	Test socket screw 8.5 (ø2.3 mm)
StB 8.5	Test socket screw 14 (ø4.0 mm)

Covers	
	With symbol
	white
	WAD for self-labelling/white

Group marking	
	T 5
	SF 10
	SG 10

Marking tags	
DEK	Standard
WS	white neutral
WS	indiv. printed

Print	
DEK 5	see "Accessories"
WS 12/5	1609860000 720
WS 12/5	1773380000 300

Mounting rails, end brackets, further marking materials see "Accessories"
 1) Ferrules with optimum diam. for terminals with 5 mm pitch:
 Cat. No. **1333100000**

WDU 2.5N



32 A/4 mm²	UL CE 5 LR DNV
5/44/37.5	
10 mm/M 2.5/3.5 x 0.6	
500 V/24 A/2.5 mm²	
6 kV/3	
0.4...0.6 Nm	
1	
32 A/4 mm²	
0.5...4 mm²	A 3
1.5...4 mm²	
0.5...4 mm²	
0.25...2.5 mm²	
0.25...2.5 ¹⁾ mm²	
0.13...4 mm²	A 3
32/24	
32/24	
300 V/20 A/22...12 AWG	
300 V/20 A/26...12 AWG	
WQV Qty. ZQV Qty.	
1023700000 100 1040800000 100	
1023780000 100 1040880000 100	
1023760000 100	
1024900000 10	
1024800000 10	
Type	Qty.
WAP-WDU2.5	1060000000 50
WAP-WDU2.5	1060080000 50
TW (1.5)	0191860000 20

WQV	Qty.	ZQV	Qty.
1053660000	50	1693800000	60
1053760000	50	1693810000	60
1053860000	50	1693820000	60
WQV see p. 262 / ZQV see p. 263			
1054460000	20	1693880000	20
50-pole		1693890000	10
WQB B/24		1579060000	20
WAW 1	9004500000	1	
WTA 1	1632290000	50	
WTA 1/ZA	1632300000	50	
WTA 1/10	1632310000	5	
ZE 1	1632150000	50	

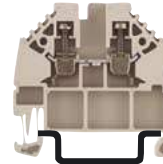
WQV	Qty.	ZQV	Qty.
1053660000	50	1758250000	60
1053760000	50	1762630000	60
1053860000	50	1762620000	60
WQV see p. 262			
1054460000	20	1758260000	60
WQB B/24		1579060000	20
WAW 1	9004500000	1	
WTA 1	1632290000	50	
WTA 1/ZA	1632300000	50	
WTA 1/10	1632310000	5	
ZE 1	1632150000	50	

WQV	Qty.	ZQV	Qty.
1053660000	50	1758250000	60
1053760000	50	1762630000	60
1053860000	50	1762620000	60
WQV see p. 263			
1054460000	20	1758260000	60
WQB B/24		1579060000	20
WAW 1	9004500000	1	
WTA 1	1632290000	50	
WTA 1/ZA	1632300000	50	
WTA 1/10	1632310000	5	
ZE 1	1632150000	50	

WQV	Qty.	ZQV	Qty.
1053660000	50	1758250000	60
1053760000	50	1762630000	60
1053860000	50	1762620000	60
WQV see p. 263			
1054460000	20	1758260000	60
WQB B/24		1579060000	20
WAW 1	9004500000	1	
WTA 1	1632290000	50	
WTA 1/ZA	1632300000	50	
WTA 1/10	1632310000	5	
ZE 1	1632150000	50	

WDU 2.5N

600 V UL



32 A/4 mm²	UL CE 5 LR DNV
5/44/43.5	
10 mm/M 2.5/3.5 x 0.6	
800 V/24 A/2.5 mm²	
8 kV/3	
0.4...0.6 Nm	
1	
32 A/4 mm²	
0.5...4 mm²	A 3
1.5...4 mm²	
0.5...4 mm²	
0.5...2.5 mm²	
0.5...2.5 ¹⁾ mm²	
0.13...4 mm²	A 3
32/24	
32/24	
600 V/25 A/26...12 AWG	
600 V/20 A/26...12 AWG	
WQV Qty. ZQV Qty.	
1730940000 100	

WQV	Qty.	ZQV	Qty.
1053660000	50	1758250000	60
1053760000	50	1762630000	60
1053860000	50	1762620000	60
WQV see p. 262			
1054460000	20	1758260000	60
WQB B/24		1579060000	20
WAW 1	9004500000	1	
WTA 1	1632290000	50	
WTA 1/ZA	1632300000	50	
WTA 1/10	1632310000	5	
ZE 1	1632150000	50	

WQV	Qty.	ZQV	Qty.
1053660000	50	1758250000	60
1053760000	50	1762630000	60
1053860000	50	1762620000	60
WQV see p. 263			
1054460000	20	1758260000	60
WQB B/24		1579060000	20
WAW 1	9004500000	1	
WTA 1	1632290000	50	
WTA 1/ZA	1632300000	50	
WTA 1/10	1632310000	5	
ZE 1	1632150000	50	

WQV	Qty.	ZQV	Qty.
1053660000	50	1758250000	60
1053760000	50	1762630000	60
1053860000	50	1762620000	60
WQV see p. 263			
1054460000	20	1758260000	60
WQB B/24		1579060000	20
WAW 1	9004500000	1	
WTA 1	1632290000	50	
WTA 1/ZA	1632300000	50	
WTA 1/10	1632310000	5	
ZE 1	1632150000	50	

WQV	Qty.	ZQV	Qty.
1053660000	50	1758250000	60
1053760000	50	1762630000	60
1053860000	50	1762620000	60
WQV see p. 263			
1054460000	20	1758260000	60
WQB B/24		1579060000	20
WAW 1	9004500000	1	
WTA 1	1632290000	50	
WTA 1/ZA	1632300000	50	
WTA 1/10	1632310000	5	
ZE 1	1632150000	50	

WDU 4N



6/44/38.5	
10 mm/M 3/3.5 x 0.6	
500 V/32 A/4 mm²	
6 kV/3	
0.5...1.0 Nm	
2	
32 A/4 mm²	
0.5...6 mm²	A 4
1.5...6 mm²	
0.5...4 mm²	
0.5...4 mm²	
0.5...4 mm²	
0.13...6 mm²	A 4
32	
32	
Approval pending	
Approval pending	
WQV Qty. ZQV Qty.	
	1042600000 100
	1042680000 100
Type	Qty.
WAP-WDU 2.5N/4N	1060000000 50
WAP-WDU 2.5N/4N	1060080000 50
TW (1.5)	0191860000 20

WQV	Qty.	ZQV	Qty.
1053660000	50	1758250000	60
1053760000	50	1762630000	60
1053860000	50	1762620000	60
WQV see p. 263			
1054460000	20	1758260000	60
WQB B/24		1579060000	20
WAW 1	9004500000	1	
WTA 1	1632290000	50	
WTA 1/ZA	1632300000	50	
WTA 1/10	1632310000	5	
ZE 1	1632150000	50	

WQV	Qty.	ZQV	Qty.
1053660000	50	1758250000	60
1053760000	50	1762630000	60
1053860000	50	1762620000	60
WQV see p. 263			
1054460000	20	1758260000	60
WQB B/24		1579060000	20
WAW 1	9004500000	1	
WTA 1	1632290000	50	
WTA 1/ZA	1632300000	50	
WTA 1/10	1632310000	5	
ZE 1	1632150000	50	

WQV	Qty.	ZQV	Qty.
1053660000	50	1758250000	60
1053760000	50	1762630000	60
1053860000	50	1762620000	60
WQV see p. 263			
1054460000	20	1758260000	60
WQB B/24		1579060000	20
WAW 1	9004500000	1	
WTA 1	1632290000	50	
WTA 1/ZA	1632300000	50	
WTA 1/10	1632310000	5	
ZE 1	1632150000	50	

WQV	Qty.	ZQV	Qty.
1053660000	50	1758250000	60
1053760000	50	1762630000	60
1053860000	50	1762620000	60
WQV see p. 263			
1054460000	20	1758260000	60
WQB B/24		1579060000	20
WAW 1	9004500000	1</	

Feed-through terminals

Compact-Design "N" for low type

Max. technical data

Dimensions / approvals
Width/length/height (mm) with TS 35 x 7.5

Insulation stripping length/clamping screw/screwdriver blade

VDE rated data 0611 Part 1/8.92/IEC 60 947-7-1

Rated voltage/current/cross-section

Rated impulse voltage/pollution severity

Further technical data

Tightening torque range Nm

Torque setting with DMS 2 electric screwdriver

Clampable conductors

Solid H07V-U mm²

Stranded H07V-R mm²

Flexible H07V-K mm²

Flexible H07V-K and ferrule acc. to DIN 46 228/1 mm²

Flexible H07V-K and ferrules with plastic insul. collar mm²

Max. clamping range in mm² / gauge pin iaw. 60 947-1 Size

Cont. current of cross-connect. WQV/ZQV 2–5-pole A

Cont. current of cross-connect. WQV/ZQV 6–10-pole A

UL/CSA rated data

Voltage/current/conductor size UL

Voltage/current/conductor size CSA

Ordering data

Version
Dark beige Wemid

Blue Wemid

Orange PA

Block of 10 terminals, print. mark. DEK 5 1–9 Wemid

Block of 10 terminals, unprint. mark. DEK 5 neutral 1–9 Wemid

End plate/partition

Dark beige Wemid

Cross-connection



WQV 2-pole

ZQV 3-pole

4-pole

5...9-pole

10-pole

50-pole

WQB 12/24 Cross-connection comb

LS 2.8 Screening bar

Notching tool

Test adapter

WTA Strain relief

TA 1

Test plug/socket (safe from finger-contact¹⁾)

PS 2.3 Test plug (ø2.3 mm)

PS 4 (ø 4) Test plug (ø4.0 mm)

StB 8.5 Test socket screw 8.5 (ø2.3 mm)

StB 14 (ø 4) Test socket screw 14 (ø4.0 mm)

Covers

WAD 12 N With symbol

WAD 12N white white

WAD 16 N With symbol

WAD 16 N white white

Group marking

T 5 Tag carrier for S 10 markers

SF 10

SG 10

Marking tags

DEK Standard

WS white neutral

WS indiv. printed

Mounting rails, end brackets, further marking materials see "Accessories"

¹⁾ Finger-safe StB 1071000000 can be used for WDU 16N

WDU 16N



101 A/25 mm²

12/60/47

12 mm/M 4/5.5 x 1.0

690 V/76 A/16 mm²

6 kV/3

1.2...2.4 Nm

4

1.5...16 mm²

1.5...25 (25 mm with 2.2 Nm)

1.5...16 mm²

1.5...16 mm²

1.5...16 mm²

1.5...16 mm²

1.5...25 Size B 7

76/-

57 (3 + 4-pole)/-

300 V/70 A/14...6 AWG

300 V/45 A/20...8 AWG

Type Type Cat. No. Qty.

WDU 16N 1036100000 50

WDU 16N BL 1036180000 50

Type Type Cat. No. Qty.

WTW EX 1058800000 20

WDU 35N



150 A / 50 mm²

16/66/51

18 mm/M 6/5.5 x 1.0

500 V/125 A/35 mm²

6 kV/3

2.5...5.0 Nm

Conductor Strips

2.5...16 3 x 9 x 0.8

2.5...50 6 x 9 x 0.8

2.5...35 9 x 9 x 0.8

2.5...35

2.5...35

2.5...35

2.5...50 B 9

115/-

100/-

300 V/10 A/12...2 AWG

300 V/10 A/12...2 AWG

Type Type Cat. No. Qty.

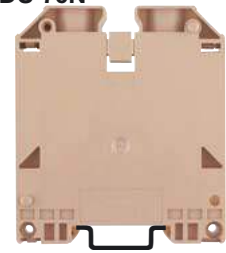
WDU 35N 1040400000 20

WDU 35N BL 1040480000 20

Type Type Cat. No. Qty.

WTW EX 1058800000 20

WDU 70N



192 A/70 mm²

20.5/75/86

22 mm/M 8/S 6 DIN 6911

1000 V/192 A/70 mm²

8 kV/3

6.0...10 Nm

Conductor Strips

10...16 3 x 9 x 0.8

10...95 6 x 9 x 0.8

10...70 9 x 9 x 0.8

10...70

10...70

10...95 B 11

192/-

192 (3-pole)/-

600 V/175 A/6...2/0 AWG

600 V/205 A/8...2/0AWG

Type Type Cat. No. Qty.

WDU 70N/35 9512190000 10

WDU 70N/3 BL 9512420000 10

(WDU 70N only with hexagonal socket)

Type Type Cat. No. Qty.

WTW EX 1058800000 20

WQV 70N/2 9512240000 5

WQV 70N/3 9512250000 5

WQV 70N/4 9513290000 5

see p. 262

see p. 262

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see p. 262



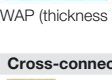
see

Feed-through terminals

Compact-Design "N" for low type

Max. technical data

Dimensions / approvals	
Width/length/height (mm)	with TS 35 x 7.5 
Insulation stripping length/clamping screw/screwdriver blade	
VDE rated data 0611 Part 1/8.92/IEC 60 947-7-1	
Rated voltage/current/cross-section	
Rated impulse voltage/pollution severity	
Further technical data	
Tightening torque range	Nm
Torque setting with DMS 2 electric screwdriver	
Clampable conductors	
Solid H07V-U	mm ²
Stranded H07V-R	mm ²
Flexible H07V-K	mm ²
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm ²
Flexible H07V-K and ferrules with plastic insul. collar	mm ²
Max. clamping range in mm ² / gauge pin law. 60 947-1	Size
Cont. current of cross-connect. WQV/ZQV 2-5-pole	A
Cont. current of cross-connect. WQV/ZQV 6-10-pole	A
UL/CSA rated data	
Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA
Ordering data	
Version	Version
Dark beige Wemid	Dark beige Wemid
Blue Wemid	Blue Wemid
Orange PA	Orange PA
Block of 10 terminals, print. mark. DEK 5 1-9 Wemid	Block of 10 terminals, print. mark. DEK 5 1-9 Wemid
Block of 10 terminals, unprint. mark. DEK 5 neutral 1-9 Wemid	Block of 10 terminals, unprint. mark. DEK 5 neutral 1-9 Wemid

End plate/partition	
	Dark beige Wemid
	Blue Wemid
	Dark beige Wemid

Cross-connection	
	ZQV
	QWB 12/24
	LS 2.8
	TA 1

Type	Cat. No.	Qty.
2-pole	ZQV 2.5N/2	1693800000
3-pole	ZQV 2.5N/3	1693810000
4-pole	ZQV 2.5N/4	1693820000
5...9-pole	ZQV see p. 263	
10-pole	ZQV 2.5N/10	1693880000
50-pole	ZQV 2.5N/50	1693890000
QWB B/24	1579060000	20
LS 2.8 ¹⁾	1056400000	50
TA 1	0535860000	20

Type	Cat. No.	Qty.
2-pole	ZQV 2.5N/2	1693800000
3-pole	ZQV 2.5N/3	1693810000
4-pole	ZQV 2.5N/4	1693820000
5...9-pole	ZQV see p. 263	
10-pole	ZQV 2.5N/10	1693880000
50-pole	ZQV 2.5N/50	1693890000
QWB B/24	1579060000	20
LS 2.8 ¹⁾	1056400000	50
TA 1	0535860000	20

Type	Cat. No.	Qty.
2-pole	ZQV 2.5N/2	1693800000
3-pole	ZQV 2.5N/3	1693810000
4-pole	ZQV 2.5N/4	1693820000
5...9-pole	ZQV see p. 263	
10-pole	ZQV 2.5N/10	1693880000
50-pole	ZQV 2.5N/50	1693890000
QWB B/24	1579060000	20
LS 2.8 ¹⁾	1056400000	50
TA 1	0535860000	20

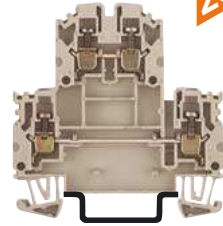
Type	Cat. No.	Qty.
2-pole	ZQV 2.5N/2	1693800000
3-pole	ZQV 2.5N/3	1693810000
4-pole	ZQV 2.5N/4	1693820000
5...9-pole	ZQV see p. 263	
10-pole	ZQV 2.5N/10	1693880000
50-pole	ZQV 2.5N/50	1693890000
QWB B/24	1579060000	20
LS 2.8 ¹⁾	1056400000	50
TA 1	0535860000	20

Marking tags	
	DEK Standard
	WS white neutral
	WS indiv. printed

Mounting rails, end brackets, further marking materials see "Accessories"

¹⁾ When using the screen plug, rated voltage is reduced to 400 V!

WDK 2.5N



Ordering data	
Version	Version
Dark beige Wemid	Dark beige Wemid
Blue Wemid	Blue Wemid
Orange PA	Orange PA
Block of 10 terminals, print. mark. DEK 5 1-9 Wemid	Block of 10 terminals, print. mark. DEK 5 1-9 Wemid
Block of 10 terminals, unprint. mark. DEK 5 neutral 1-9 Wemid	Block of 10 terminals, unprint. mark. DEK 5 neutral 1-9 Wemid

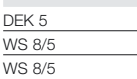
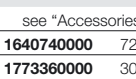

Type	Cat. No.	Qty.
2-pole	ZQV 2.5N/2	1693800000
3-pole	ZQV 2.5N/3	1693810000
4-pole	ZQV 2.5N/4	1693820000
5...9-pole	ZQV see p. 263	
10-pole	ZQV 2.5N/10	1693880000
50-pole	ZQV 2.5N/50	1693890000
QWB B/24	1579060000	20
LS 2.8 ¹⁾	1056400000	50
TA 1	0535860000	20

Type	Cat. No.	Qty.
2-pole	ZQV 2.5N/2	1693800000
3-pole	ZQV 2.5N/3	1693810000
4-pole	ZQV 2.5N/4	1693820000
5...9-pole	ZQV see p. 263	
10-pole	ZQV 2.5N/10	1693880000
50-pole	ZQV 2.5N/50	1693890000
QWB B/24	1579060000	20
LS 2.8 ¹⁾	1056400000	50
TA 1	0535860000	20

Type	Cat. No.	Qty.
2-pole	ZQV 2.5N/2	1693800000
3-pole	ZQV 2.5N/3	1693810000
4-pole	ZQV 2.5N/4	1693820000
5...9-pole	ZQV see p. 263	
10-pole	ZQV 2.5N/10	1693880000
50-pole	ZQV 2.5N/50	1693890000
QWB B/24	1579060000	20
LS 2.8 ¹⁾	1056400000	50
TA 1	0535860000	20

Type	Cat. No.	Qty.
2-pole	ZQV 2.5N/2	1693800000
3-pole	ZQV 2.5N/3	1693810000
4-pole	ZQV 2.5N/4	1693820000
5...9-pole	ZQV see p. 263	
10-pole	ZQV 2.5N/10	1693880000
50-pole	ZQV 2.5N/50	1693890000
QWB B/24	1579060000	20
LS 2.8 ¹⁾	1056400000	50
TA 1	0535860000	20

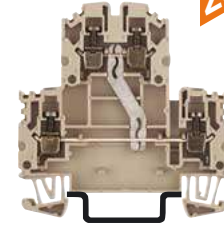
Type	Cat. No.	Qty.
2-pole	ZQV 2.5N/2	1693800000
3-pole	ZQV 2.5N/3	1693810000
4-pole	ZQV 2.5N/4	1693820000
5...9-pole	ZQV see p. 263	
10-pole	ZQV 2.5N/10	1693880000
50-pole	ZQV 2.5N/50	1693890000
QWB B/24	1579060000	20
LS 2.8 ¹⁾	1056400000	50
TA 1	0535860000	20

Marking tags	
	DEK Standard
	WS white neutral
	WS indiv. printed

Mounting rails, end brackets, further marking materials see "Accessories"

¹⁾ When using the screen plug, rated voltage is reduced to 400 V!

WDK 2.5N V



Ordering data	
Version	Version
Dark beige Wemid	Dark beige Wemid
Blue Wemid	Blue Wemid
Orange PA	Orange PA
Block of 10 terminals, print. mark. DEK 5 1-9 Wemid	Block of 10 terminals, print. mark. DEK 5 1-9 Wemid
Block of 10 terminals, unprint. mark. DEK 5 neutral 1-9 Wemid	Block of 10 terminals, unprint. mark. DEK 5 neutral 1-9 Wemid

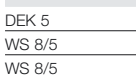
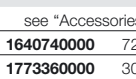

Type	Cat. No.	Qty.
2-pole	ZQV 2.5N/2	1693800000
3-pole	ZQV 2.5N/3	1693810000
4-pole	ZQV 2.5N/4	1693820000
5...9-pole	ZQV see p. 263	
10-pole	ZQV 2.5N/10	1693880000
50-pole	ZQV 2.5N/50	1693890000
QWB B/24	1579060000	20
LS 2.8 ¹⁾	1056400000	50
TA 1	0535860000	20

Type	Cat. No.	Qty.
2-pole	ZQV 2.5N/2	1693800000
3-pole	ZQV 2.5N/3	1693810000
4-pole	ZQV 2.5N/4	1693820000
5...9-pole	ZQV see p. 263	
10-pole	ZQV 2.5N/10	1693880000
50-pole	ZQV 2.5N/50	1693890000
QWB B/24	1579060000	20
LS 2.8 ¹⁾	1056400000	50
TA 1	0535860000	20

Type	Cat. No.	Qty.
2-pole	ZQV 2.5N/2	1693800000
3-pole	ZQV 2.5N/3	1693810000
4-pole	ZQV 2.5N/4	1693820000
5...9-pole	ZQV see p. 263	
10-pole	ZQV 2.5N/10	1693880000
50-pole	ZQV 2.5N/50	1693890000
QWB B/24	1579060000	20
LS 2.8 ¹⁾	1056400000	50
TA 1	0535860000	20

Type	Cat. No.	Qty.
2-pole	ZQV 2.5N/2	1693800000
3-pole	ZQV 2.5N/3	1693810000
4-pole	ZQV 2.5N/4	1693820000
5...9-pole	ZQV see p. 263	
10-pole	ZQV 2.5N/10	1693880000
50-pole	ZQV 2.5N/50	1693890000
QWB B/24	1579060000	20
LS 2.8 ¹⁾	1056400000	50
TA 1	0535860000	20

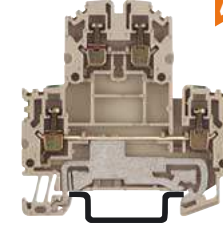
Type	Cat. No.	Qty.
2-pole	ZQV 2.5N/2	1693800000
3-pole	ZQV 2.5N/3	1693810000
4-pole	ZQV 2.5N/4	1693820000
5...9-pole	ZQV see p. 263	
10-pole	ZQV 2.5N/10	1693880000
50-pole	ZQV 2.5N/50	1693890000
QWB B/24	1579060000	20
LS 2.8 ¹⁾	1056400000	50
TA 1	0535860000	20

Marking tags	
	DEK Standard
	WS white neutral
	WS indiv. printed

Mounting rails, end brackets, further marking materials see "Accessories"

¹⁾ When using the screen plug, rated voltage is reduced to 400 V!

WDK 2.5N DU-PE



Ordering data	
Version	Version
Dark beige Wemid	Dark beige Wemid
Blue Wemid	Blue Wemid
Orange PA	Orange PA
Block of 10 terminals, print. mark. DEK 5 1-9 Wemid	Block of 10 terminals, print. mark. DEK 5 1-9 Wemid
Block of 10 terminals, unprint. mark. DEK 5 neutral 1-9 Wemid	Block of 10 terminals, unprint. mark. DEK 5 neutral 1-9 Wemid

Type	Cat. No.	Qty.
2-pole	ZQV 2.5N/2	1693800000
3-pole	ZQV 2.5N/3	1693810000
4-pole	ZQV 2.5N/4	1693820000
5...9-pole	ZQV see p. 263	
10-pole	ZQV 2.5N/10	1693880000
50-pole	ZQV 2.5N/50	1693890000
QWB B/24	1579060000	20
LS 2.8 ¹⁾	1056400000	50
TA 1	0535860000	20

Type	Cat. No.	Qty.
2-pole	ZQV 2.5N/2	1693800000
3-pole	ZQV 2.5N/3	1693810000
4-pole	ZQV 2.5N/4	1693820000
5...9-pole	ZQV see p. 263	
10-pole	ZQV 2.5N/10	1693880000
50-pole	ZQV 2.5N/50	1693890000
QWB B/24	1579060000	20
LS 2.8 ¹⁾	1056400000	50
TA 1	0535860000	20

Type	Cat. No.	Qty.
2-pole	ZQV 2.5N/2	1693800000
3-pole	ZQV 2.5N/3	1693810000
4-pole	ZQV 2.5N/4	1693820000
5...9-pole	ZQV see p. 263	
10-pole	ZQV 2.5N/10	1693880000
50-pole	ZQV 2.5N/50	1693890000
QWB B/24	1579060000	20
LS 2.8 ¹⁾	1056400000	50
TA 1	0535860000	20


Type	Cat. No.	Qty.
------	----------	------

Feed-through terminals

Compact-Design “N” for low type

Max. technical data

Dimensions / approvals

Width/length/height (mm) with TS 35 x 7.5 

Insulation stripping length/clamping screw/screwdriver blade

VDE rated data 0611 Part 1/8.92/IEC 60 947-7-1

Rated voltage/current/cross-section

Rated impulse voltage/pollution severity

Further technical data

Tightening torque range Nm

Torque setting with DMS 2 electric screwdriver

Clampable conductors

Solid H07V-U mm²

Stranded H07V-R mm²

Flexible H07V-K mm²

Flexible H07V-K and ferrule acc. to DIN 46 228/1 mm²

Flexible H07V-K and ferrules with plastic insul. collar mm²

Max. clamping range in mm² / gauge pin law. 60 947-1 Size

Cont. current of cross-connect. WQV/ZQV 2-5-pole A

Cont. current of cross-connect. WQV/ZQV 6-10-pole A

UL/CSA rated data

Voltage/current/conductor size UL

Voltage/current/conductor size CSA

Ordering data

Version

Dark beige Wemid

Blue Wemid

Orange PA

Block of 10 terminals, print. mark. DEK 5 1-9 Wemid

Block of 10 terminals, unprint. mark. DEK 5 neutral 1-9 Wemid

End plate/partition

Dark beige Wemid

Blue Wemid

Dark beige Wemid

WAP (thickness 1.5 mm) WTW

Cross-connection

ZQV

2-pole

3-pole

4-pole

10-pole

41-pole

LS 2.8 Screening bar

Test adapter

TA 1

Marking tags

Print

DEK Standard

WS white neutral

WS indiv. printed

DEK 5 see "Accessories"

WS 8/5 1640740000 720

WS 8/5 1773360000 300

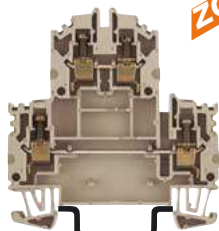
DEK 6 see "Accessories"

WS 8/5 1640740000 720

WS 8/5 1773360000 300

Mounting rails, end brackets, further marking materials see "Accessories"

WDK 4N



35 A/6 mm²



6/60/64

8 mm/M 3/3.5 x 0.6

800 V/32 A/4 mm²

8 kV/3

0.5...1.0

2

0.5...6

1.5...6

0.5...4

0.5...4

0.5...4

0.13...6

A 4

-/32

-/32

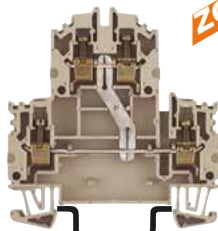
600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

Type	Cat. No.	Qty.
WDK 4N	1041900000	100
WDK 4N	1041980000	100
WDK 4N	1041960000	100
WDK 4N	1042000000	10
WDK 4N	1042100000	10
WAP	1084000000	20
WAP BL	1084080000	20
WTW	1058800000	20

Type	Cat. No.	Qty.
ZQV 4N/2	1758250000	60
ZQV 4N/3	1762630000	60
ZQV 4N/4	1762620000	60
ZQV 4N/10	1758260000	20
ZQV 4N/41	1758270000	10
LS 2.8 ¹⁾	1056400000	50
TA 1	0535860000	20

WDK 4N V



35 A/6 mm²



6/60/64

8 mm/M 3/3.5 x 0.6

800 V/32 A/4 mm²

8 kV/3

0.5...1.0

2

0.5...6

1.5...6

0.5...4

0.5...4

0.5...4

0.13...6

A 4

-/32

-/32

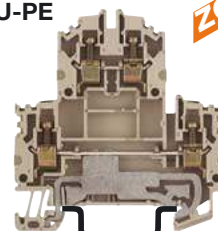
600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG


Type	Cat. No.	Qty.
WDK 4N V	1041910000	100
WAP	1084000000	20
WAP BL	1084080000	20
WTW	1058800000	20

Type	Cat. No.	Qty.
ZQV 4N/2	1758250000	60
ZQV 4N/3	1762630000	60
ZQV 4N/4	1762620000	60
ZQV 4N/10	1758260000	20
ZQV 4N/41	1758270000	10
LS 2.8 ¹⁾	1056400000	50
TA 1	0535860000	20

WDK 4N DU-PE



35 A/6 mm²



6/60/64

8 mm/M 3/3.5 x 0.6

800 V/32 A/4 mm²

8 kV/3

0.5...1.0

2

0.5...6

1.5...6

0.5...4

0.5...4

0.5...4

0.13...6

A 4

-/32

-/32

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

Type	Cat. No.	Qty.
WDK 4N DU-PE	1041950000	100
WAP	1084000000	20
WAP BL	1084080000	20
WTW	1058800000	20

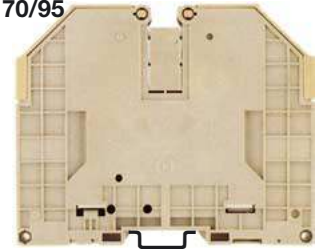
lower connection level marked in green-yellow

Type	Cat. No.	Qty.
ZQV 4N/2	1758250000	60
ZQV 4N/3	1762630000	60
ZQV 4N/4	1762620000	60
ZQV 4N/10	1758260000	20
ZQV 4N/41	1758270000	10
LS 2.8 ¹⁾	1056400000	50
TA 1	0535860000	20

¹⁾ When using the screen plug, rated voltage is reduced to 400 V!

Feed-through terminals

WDU 70/95



232 A/95 mm²

27/132/108					
30 mm/M 8/S 6					

1000 V/232 A/95 mm ²
8 kV/3

Tightening torque range	Nm	6...12
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Torque setting with DMS 2 electric screwdriver		
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Clampable conductors

Solid H07V-U	mm ²	16
Stranded H07V-R	mm ²	16...120 ²⁾
Flexible H07V-K	mm ²	16...95 ²⁾
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm ²	16...95 ²⁾
Flexible H07V-K and ferrules with plastic insul. collar	mm ²	16...50
Strips mm		3 x 9 x 0.8 6 x 9 x 0.8
Strips mm		4 x 16 x 0.8 6 x 16 x 0.8

Max. clamping range in mm ²	Gauge pin iaw. 60 947-1 Size	16...120	B 12
----------------------------------------	------------------------------	----------	------

Cont. current of cross-connect.	2-pole	A	232
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Cont. current of cross-connect.	Multi-pole	A	(3) 232
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UL/CSA rated data

Voltage/current/conductor size	UL	600 V/175 A/6...2/0 AWG
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Voltage/current/conductor size	CSA	600 V/205 A/6...2/0 AWG
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Ordering data

	Version	Cat. No.	Qty.	
Hexagonal socket 6 mm	Dark beige Wemid	WDU 70/95	1024600000	10
Hexagonal socket 6 mm	Blue Wemid	WDU 70/95	1024680000	10
Hexagonal socket 6 mm	Green Wemid	WDU 70/95	1024650000	10

Hexagonal socket 6 mm	Terminal block ¹⁾ 3-pole Wemid		
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Hexagonal socket 6 mm	Terminal block ¹⁾ 4-pole Wemid		
-----------------------	-------------------------------------------	--	--

Hexagonal socket 6 mm	Terminal block ¹⁾ 5-pole Wemid		
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Mains terminal block 3 x beige, 1x blue, 1x green Wemid			
---------------------------------------------------------	--	--	--

Cross-connection

Type	Cat. No.	Qty.
------	----------	------

WQV 70/2	1063500000	5
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WQV 70/3	1063600000	5
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Auxiliary/control conductor terminal Pressure piece³⁾

WZAD (up to 4 mm ² , 32 A)	1066000000	10
---------------------------------------	------------	----

WFL	1616330000	10
-----	------------	----

Cover

WAD 27		
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With danger sign	1062860000	10
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Test plug

WAD 27		
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Without danger sign	1062960000	10
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Fixing screw

PS 4	0299600000	20
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Pluggable in screw head of connection system

Hexagon wrench

M 6x16	1063700000	20
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Screwdriver for direct fitting 1 x 5.5 x 125

SK wrench	0407900000	1
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6 mm acc. to DIN 6911

Marking tags

SDI	9008410000	1
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Print

DEK 5		see "Accessories"
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WS 12/6.5	1609920000	540
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WS 12/6.5	1609930000	108
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Mounting rails, end brackets, further marking materials see "Accessories"

Max. technical data

Dimensions / approvals

Width/length/height (mm) with TS 35 x 7.5

Insul. strip. length/clamp. screw/wrench size acc. to DIN 6911

VDE rated data 0611 Part 1/8.92/IEC 60 947-7-1

Rated voltage/current/cross-section

Rated impulse voltage/pollution severity

Further technical data

Tightening torque range Nm

Torque setting with DMS 2 electric screwdriver

Clampable conductors

Solid H07V-U mm²

Stranded H07V-R mm²

Flexible H07V-K mm²

Flexible H07V-K and ferrule acc. to DIN 46 228/1 mm²

Flexible H07V-K and ferrules with plastic insul. collar mm²

Strips mm

Strips mm

Max. clamping range in mm² Gauge pin iaw. 60 947-1 Size

Cont. current of cross-connect. 2-pole A

Cont. current of cross-connect. Multi-pole A

UL/CSA rated data

Voltage/current/conductor size UL

Voltage/current/conductor size CSA

Ordering data

Hexagonal socket 6 mm Dark beige Wemid

Hexagonal socket 6 mm Blue Wemid

Hexagonal socket 6 mm Green Wemid

Hexagonal socket 6 mm Terminal block¹⁾ 3-pole Wemid

Hexagonal socket 6 mm Terminal block¹⁾ 4-pole Wemid

Hexagonal socket 6 mm Terminal block¹⁾ 5-pole Wemid

Mains terminal block 3 x beige, 1x blue, 1x green Wemid

Cross-connection

Auxiliary/control conductor terminal Pressure piece³⁾

WZAD (up to 4 mm², 32 A)

WFL

Cover

Yellow

White

Test plug

For direct fitting

Fixing screw

M 6x16

Hexagon wrench

SK wrench

Screwdriver for direct fitting 1 x 5.5 x 125

SDI

Marking tags

DEK Standard

WS white neutral

WS indiv. printed

WS WS

Mounting rails, end brackets, further marking materials see "Accessories"

Large-size conductors no longer have to be inserted into the clamping unit with force; they can easily be placed in the terminal.

For each terminal type, terminal-block variants are available - consisting of three-, four- or five-pole terminals - in addition to the individual terminals. All blocks are permanently screwed together for additional torsional rigidity.

Slots provided in the underside of the terminals enable direct fitting. Terminal blocks can be screwed directly to the mounting plates with 25 mm pitch.

Further advantages are:

- Constant force transmission by self-adjusting connection system
- Random wiring direction
- Safe from finger-touch (VBG 4), even with cross-connection fitted
- Extreme distortion resistance



Open terminal cover and remove screw unit



Place conductor in terminal and replace screw unit



Close cover and tighten screw with hexagon wrench

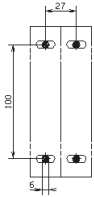
¹⁾ Terminal block for direct fitting only

²⁾ Using 95 and 120 mm² with 10 Nm tightening torque

³⁾ The WFL pressure piece is needed when the flat strip, cannot be inserted centrally

Feed-through terminals

WDU 70/95/...



Drill template for direct fitting
232 A/95 mm²

UL **IEC** **CCC** **CE** **LR** **DNV**

81/132/108 (block of 3)*

30 mm/M 8/S 6

1000 V/232 A/95 mm²

8 kV/3

6...12

16

16...120²⁾

16...95²⁾

16...50

3 x 9 x 0.8

6 x 9 x 0.8

4 x 16 x 0.8

6 x 16 x 0.8

16...120

B 12

232

(3) 232

600 V/175 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

Type	Cat. No.	Qty.
WDU 70/95/...	1026700000¹⁾	4
WDU 70/95/...	1026800000¹⁾	3
WDU 70/95/...	1026900000¹⁾	2
WDU 70/95/...	1032300000¹⁾	2
Type	Cat. No.	Qty.
WQV 70/2	1063500000	5
WQV 70/3	1063600000	5

WZAD 70 **1066000000** 10

WFL 70/95 **1616330000** 10

WAD 27

With danger sign **1062860000** 10

WAD 27

Without danger sign **1062960000** 10

PS 4 **0299600000** 20

Pluggable in screw head of connection system

M 6x16 **1063700000** 20

SK wrench **0407900000** 1

6 mm acc. to DIN 6911

SDI **9008410000** 1

DEK 5 see "Accessories"

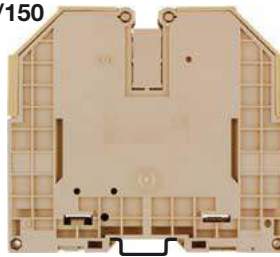
WS 12/6.5 **1609920000** 540

WS 12/6.5 **1609930000** 108

¹⁾ Terminal block for direct fitting only

²⁾ Using 95 and 120 mm² with 10 Nm tightening torque

WDU 120/150



309 A/150 mm²

UL **IEC** **CCC** **CE** **LR** **DNV**

32/132/118

35 mm/M 10/S 6

1000 V/269 A/120 mm²

8 kV/3

10...20

—

35...150

35...150

35...95

35...50

3 x 9 x 0.8

6 x 9 x 0.8

4 x 16 x 0.8

6 x 16 x 0.8

35...150

B 13

292

(3) 292

600 V/225 A/2...250 kcmil AWG

600 V/285 A/2...250 kcmil AWG

Type	Cat. No.	Qty.
WDU 120/150	1024500000	10
WDU 120/150	1024580000	10
WDU 120/150	1024550000	10

WZAD 120 **1066100000** 10

WFL 120/150 **1616340000** 10

WAD 27

With danger sign **1062860000** 10

WAD 27

Without danger sign **1062960000** 10

PS 4 **0299600000** 20

Pluggable in screw head of connection system

M 6x16 **1063700000** 20

SK wrench **0407900000** 1

6 mm acc. to DIN 6911

SDI **9008410000** 1

DEK 5 see "Accessories"

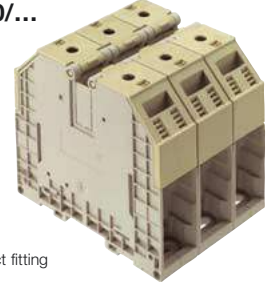
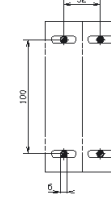
WS 12/6.5 **1609920000** 540

WS 12/6.5 **1609930000** 108

¹⁾ Terminal block for direct fitting only

²⁾ Using 95 and 120 mm² with 10 Nm tightening torque

WDU 120/150/...



Drill template for direct fitting
309 A/150 mm²

UL **IEC** **CCC** **CE** **LR** **DNV**

96/132/118 (block of 3)*

35 mm/M 10/S 6

1000 V/269 A/120 mm²

8 kV/3

10...20

—

35...150

35...150

35...95

35...50

3 x 9 x 0.8

6 x 9 x 0.8

4 x 16 x 0.8

6 x 16 x 0.8

35...150

B 13

292

(3) 292

600 V/225 A/2...250 kcmil AWG

600 V/285 A/2...250 kcmil AWG

Type	Cat. No.	Qty.
WDU 120/150/...	1026400000¹⁾	3
WDU 120/150/...	1026500000¹⁾	2
WDU 120/150/...	1026600000¹⁾	2
WDU 120/150/...	1032400000¹⁾	2
Type	Cat. No.	Qty.
WQV 120/2	1063300000	5
WQV 120/3	1063400000	5

WZAD 120 **1066100000** 10

WFL 120/150 **1616340000** 10

WAD 27

With danger sign **1062860000** 10

WAD 27

Without danger sign **1062960000** 10

PS 4 **0299600000** 20

Pluggable in screw head of connection system

M 6x16 **1063700000** 20

SK wrench **0407900000** 1

6 mm acc. to DIN 6911

SDI **9008410000** 1

DEK 5 see "Accessories"

WS 12/6.5 **1609920000** 540

WS 12/6.5 **1609930000** 108

¹⁾ Terminal block for direct fitting only

²⁾ Using 95 and 120 mm² with 10 Nm tightening torque

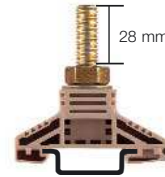
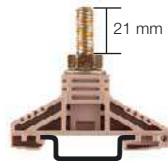
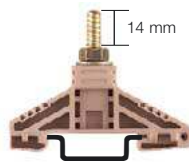
Stud terminals

WF 6

WF 8

WF 10

WF 12



Max. technical data

Dimensions / approvals		WF 6	WF 8	WF 10	WF 12
Width/length/height with TS 35 x 7	mm	19.6 / 67 / 56	24.6 / 67 / 65	35.6 / 67 / 74	35.6 / 67 / 72
Pitch with partition	mm	18	23	34	34
Stud size		M6	M8	M10	M12

Rated data

Rated data		WF 6	WF 8	WF 10	WF 12
Rated voltage/current/cross-section		1000 V ¹⁾ / - / -	1000 V ¹⁾ / - / -	1000 V ¹⁾ / - / -	1000 V ¹⁾ / - / -
Rated voltage/current/cross-section		2.300 V ²⁾ / - / -	2.300 V ²⁾ / - / -	2.300 V ²⁾ / - / -	2.300 V ²⁾ / - / -
Rated impulse voltage/pollution severity ¹⁾		8 kV / 3	8 kV / 3	8 kV / 3	8 kV / 3
Rated impulse voltage/pollution severity ²⁾		12 kV / PD 3	12 kV / PD 3	12 kV / PD 3	12 kV / PD 3

Further technical data

Tightening torque range	Nm	3 ... 6	6 ... 12	10 ... 20	14 ... 31
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Clampable conductors

DIN 46234 / number per side ¹⁾		...35 / 2	...50 / 2	...120 / 2	...120 / 2
DIN 46235 / number per side ¹⁾		...25 / 2	...35 / 2	... 95 / 2	... 95 / 2
DIN 46234 / number per side ²⁾		...35 / 1	...50 / 1	...120 / 1	...120 / 1
DIN 46235 / number per side ²⁾		...25 / 1	...35 / 1	... 95 / 1	... 95 / 1

UL/CSA rated data

Voltage/current/conductor size	UL	1000 V/115 A/14...2 AWG	1000 V/115 A/14...1/0 AWG	1000 V/255 A/10...250 kcmil AWG	1000 V/255 A/10...250 kcmil AWG
Voltage/current/conductor size	CSA	1000 V/150 A/14...2 AWG	1000 V/200 A/14...1/0 AWG	1000 V/320 A/10...250 kcmil AWG	1000 V/320 A/10...250 kcmil AWG

Ordering data

Version

Dark beige Wemid

Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
WF 6	1780850000	25	WF 8	1780860000	25	WF 10	1780870000	20	WF 12	1780880000	20

Partition / version



Dark beige Wemid¹⁾
Epoxy resin²⁾

Dimensions (width/length/ height)
Dark beige Wemid; length: 50 mm (for insul. cable lugs)

WTW WF 6	1781220000	20	WTW WF 8	1780900000	20	WTW WF 10/12	1780890000	20	WTW WF 10/1	1780890000	20
WTW WF 6 2300			WTW WF 8 2300			WTW WF 10/12 2300			WTW WF 10/12 2300		
	1781230000	20		1780910000	20		1780920000	20		1780920000	20
2/101.8/58.5			2/109.8/67			2/156/76.5			2/156/76.5		
WTW WF 50	1781240000	20	WTW WF 50	1781240000	20	WTW WF 50	1781240000	20	WTW WF 50	1781240000	20

Cross-connection

2-pole
3-pole
Special 2-pole
Special 3-pole

WQL 2 WF 6	1780970000	5	WQL 2 WF 8	1780990000	5	WQL 2 WF 10	1781010000	5	WQL 2 WF 12	1781030000	5
WQL 3 WF 6	1780980000	5	WQL 3 WF 8	1781000000	5	WQL 3 WF 10	1781020000	5	WQL 3 WF 12	1781040000	5
			WQL 2 WF 6-8	1809880000	5	WQL 2 WF 6-10	1806620000	5			
						WQL 3 WF 6-10/2	1806640000	5			

Prof. material for cover

1000 mm

ADP WF 6/WF 8	1780930000	10	ADP WF 6/WF 8	1780930000	10	ADP WF 10/WF 12	1806640000	10	ADP WF 10/WF 12	1780940000	10
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Support for Cover

Dark beige Wemid

HA WF	1781050000	50	HA WF	1781050000	50	HA WF	1781050000	50	HA WF	1781050000	50
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to avoid lateral displacement of cover

Marking tags



DEK

WS

DEK 5 Standard	DEK 5	see "Accessories"	DEK 5	see "Accessories"	DEK 5	see "Accessories"	DEK 5	see "Accessories"
WS 10/5 neutral	WS 10/5	1635000000 720	WS 10/5	1635000000 720	WS 10/5	1635000000 720	WS 10/5	1635000000 720
WS 12/5 neutral	WS 12/5	1609860000 720	WS 12/5	1609860000 720	WS 12/5	1609860000 720	WS 12/5	1609860000 720
WS 15/5 neutral	WS 15/5	1609880000 480	WS 15/5	1609880000 480	WS 15/5	1609880000 480	WS 15/5	1609880000 480
WS 10/6 neutral	WS 10/6	1060960000 200	WS 10/6	1060960000 200	WS 10/6	1060960000 200	WS 10/6	1060960000 200
DEK 6	DEK 6	see "Accessories"	DEK 6	see "Accessories"	DEK 6	see "Accessories"	DEK 6	see "Accessories"

Mounting rails, end brackets, further marking materials see "Accessories"

¹⁾ With WTW made from WEMID, nominal voltage 1000 V

²⁾ With WTW made from epoxy resin, nominal voltage 2.300 V acc. to prEN 50124-1

Stud terminals

WF 6/2 BZ



WF 8/2 BZ



WF 10/2 BZ

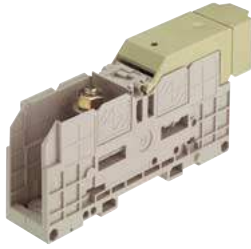


Dimensions		WF 6/2 BZ	WF 8/2 BZ	WF 10/2 BZ							
Width/length/height with TS 35 x 7	mm	19.6 / 67 / 56	24.6 / 67 / 65	35.6 / 67 / 74							
Pitch with partition	mm	18	23	34							
Stud size		M6	M8	M10							
Rated data											
Rated voltage/current/cross-section ¹⁾		1000 V ¹⁾ / 125A / 35 mm ²	1000 V ¹⁾ / 150A / 50 mm ²	1000 V ¹⁾ / 269A / 120 mm ²							
Rated impulse voltage/pollution severity ¹⁾		8 kV / 3	8 kV / 3	8 kV / 3							
Further technical data											
Tightening torque range	Nm	3 ... 6	6 ... 12	10 ... 20							
Clampable conductors											
DIN 46234 / number per side ¹⁾		...35 / 2	...50 / 2	... 95 / 2							
DIN 46235 / number per side ¹⁾		...25 / 2	...35 / 2	...120 / 2 ⁵⁾							
UL/CSA rated data											
Voltage/current/conductor size	UL	under preparation	under preparation	under preparation							
Voltage/current/conductor size	CSA	under preparation	under preparation	under preparation							
Ordering data		Version	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
		Dark beige Wemid	WF 6/2 BZ	1789770000	25	WF 8/2 BZ	1789780000	25	WF 10/2 BZ	1789790000	20
Partition / Version		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
	Dark beige Wemid ¹⁾ Epoxy resin ²⁾	WTW WF10/12	1780890000	20	WTW WF10/12	1780890000	20	WTW WF10/12	1780890000	20	
	Dimensions (width/length/height)	2/156/76.5			2/156/76.5			2/156/76.5			
	Dark beige Wemid; length: 50 mm (for insul. cable lugs)										
Cross-connection		Standard 2-pole	WQL 2 WF 6	1780970000	5	WQL 2 WF 8	1780990000	5	WQL 2 WF 10	1781010000	5
	Standard 3-pole	WQL 3 WF 6	1780980000	5	WQL 3 WF 8	1781000000	5	WQL 3 WF 10	1781020000	5	
	Special 2-pole ³⁾							WQL 2 WF 6-10 2BZ	1801430000	5	
	Special 2-pole ⁴⁾							WQL 2 WF 6-10 2BZ/QV	1801440000	5	
Prof. material for cover		1000 mm	ADP WF10/WF12	1780930000	10	ADP WF10/WF12	1780930000	10	ADP WF10/WF12	1780940000	10
Support for cover		Dark beige Wemid	HA WF	1781050000	50	HA WF	1781050000	50	HA WF	1781050000	50
	to avoid lateral displacement of cover										
Marking tags		DEK 5 FW/FS...	DEK 5	see "Accessories"		DEK 5	see "Accessories"		DEK 5	see "Accessories"	
	WS 10/5 neutral	WS 10/5	1635000000	720	WS 10/5	1635000000	720	WS 10/5	1635000000	720	
	WS 12/5 neutral	WS 12/5	1609860000	720	WS 12/5	1609860000	720	WS 12/5	1609860000	720	
	WS 15/5 neutral	WS 15/5	1609880000	480	WS 15/5	1609880000	480	WS 15/5	1609880000	480	

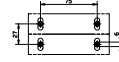
Mounting rails, end brackets, further marking materials see "Accessories"

¹⁾ With WTW made from WEMID, nominal voltage 1000 V
²⁾ With WTW made from epoxy resin, nominal voltage 2.300 V acc. to prEN 50124-1
³⁾ Only for cross-connection WF10/2BZ with WF6/2BZ
⁴⁾ Only for cross-connection WF10/2BZ with WF6/2BZ, if WF10/2BZ or WF6/2BZ are already cross-connected
⁵⁾ Only for cable lugs with a width of ≤ 31 mm

Stud terminals



WFF 35



Max. technical data

Dimensions / approvals	
Width/length/height (mm)	without WAH 27/107/54
Width/length/height (mm)	with WAH 27/136/60
Stud size	M 6

VDE rated data 0611 Part 1/8.92/IEC 60 947-7-1	
Rated voltage/current/cross-section	1000 V/125 A/35 mm ²
Rated impulse voltage/pollution severity	8 kV/3

Further technical data	
Tightening torque range	Nm 3.0...6.0

Clampable conductors

Cable lug acc. to DIN 46 235	mm ²	6...25
Cable lug acc. to DIN 46 234	mm ²	2.5...50
2 x cable lug acc. to DIN 46 235	mm ²	6...25
2 x cable lug acc. to DIN 46 234	mm ²	2.5...35
Strips	mm	3 x 13 x 0.5
Strips	mm	6 x 13 x 0.5
Strips	mm	2 x 15.5 x 0.8
Max. connect. area in mm ² , gauge for flat conn. to EN 50043	Size	2.08...50 C 4
Cont. current of cross-connect. 2-pole	A	135
Cont. current of cross-connect. 3-pole	A	135

UL/CSA rated data	
Voltage/current/conductor size	UL 1000 V/115 A/14...2 AWG
Voltage/current/conductor size	CSA 600 V/130 A/14...2 AWG

Ordering data		Version	
			Cat. No.
	Dark beige Wemid	WFF 35	1028300000
	Blue Wemid	WFF 35	1028380000

with covers	Dark beige Wemid	WFF 35	1029300000	10
	Dark beige Wemid			

Partition (thickness 2 mm)



Cross-connection

WQL	WQL 2/35	1064900000	5
	WQL 3/35	1065400000	5

Auxiliary/control conductor terminal

WZAF 35 (up to 4 mm ² , 32 A)	WZAF 35	1070500000	10
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Cover

	Beige PA 66	WAH 35	1064460000	20
	Blue PA 66	WAH 35 BL	1064480000	20
	Light green PA 66	WAH 35 HG	1064450000	20
		WAP ¹⁾	1069700000	20

Danger sign



Yellow, self-adhesive, with lightning flash, can be stuck to WAH only

Fixing screw/Screwdriver

	For direct fitting	M 6 x 16 ²⁾	1063700000	20
	Screwdriver	SDI	9008410000	1

Cupal washers

	For aluminium conductors	CPSB M 6	0156200000	50
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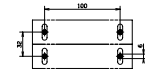
Marking tags

Print			
	DEK Standard	DEK 5	see "Accessories"
	WS white neutral	WS 12/6.5	1609920000 540
	WS indiv. printed	WS 12/6.5	1609930000 108

Mounting rails, end brackets, further marking materials see "Accessories"

- The WAP can be used only in conjunction with the WAH. In the event that no conductor is connected, it guarantees shock protection in the connection.
- Screw locking e.g. with Loctite 243 for e.g. railway applications acc. to DIN EN 50 155/5.96

WFF 70



Drill template for direct fitting
232 A/95 mm²

Dimensions / approvals	
Width/length/height (mm)	32/132/63
Width/length/height (mm)	32/179/71.5
Stud size	M 8

VDE rated data 0611 Part 1/8.92/IEC 60 947-7-1	
Rated voltage/current/cross-section	1000 V/192 A/70 mm ²
Rated impulse voltage/pollution severity	8 kV/3

Further technical data	
Tightening torque range	Nm 6.0...12

Clampable conductors

Cable lug acc. to DIN 46 235	mm ²	16...70
Cable lug acc. to DIN 46 234	mm ²	2.5...120
2 x cable lug acc. to DIN 46 235	mm ²	16...70
2 x cable lug acc. to DIN 46 234	mm ²	2.5...70
Strips	mm	2 x 15.5 x 0.8 4 x 20 x 1
Strips	mm	4 x 15.5 x 0.8
Strips	mm	6 x 15.5 x 0.8
Max. connect. area in mm ² , gauge for flat conn. to EN 50043	Size	2.08...120 C 6
Cont. current of cross-connect. 2-pole	A	207
Cont. current of cross-connect. 3-pole	A	207

UL/CSA rated data	
Voltage/current/conductor size	UL 1000 V/175 A/14...2/0 AWG
Voltage/current/conductor size	CSA 600 V/170 A/14...2/0 AWG

Ordering data		Version	
			Cat. No.
	Dark beige Wemid	WFF 70	1028400000
	Blue Wemid	WFF 70	1028480000

with covers	Dark beige Wemid	WFF 70	1029400000	10
	Dark beige Wemid			

Partition (thickness 2 mm)

Type	Cat. No.	Qty.
WTW WFF 35	1067100000	10
WTW WFF 70	1067200000	10

Cross-connection

WQL	WQL 2/70	1065000000	5
	WQL 3/70	1065500000	5

Auxiliary/control conductor terminal

WZAF 70 (up to 4 mm ² , 32 A)	WZAF 70	1066200000	10
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Cover

	Beige PA 66	WAH 70	1064560000	20
	Blue PA 66	WAH 70 BL	1064580000	20
	Light green PA 66	WAH 70 HG	1064550000	20
		WAP ¹⁾	1069800000	20

Danger sign

Yellow, self-adhesive, with lightning flash, can be stuck to WAH only

Fixing screw/Screwdriver

	For direct fitting	M 6x16 ²⁾	1063700000	20
	Screwdriver	SDI	9008410000	1

Cupal washers

	For aluminium conductors	CPSB M 8	0156300000	50
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Marking tags

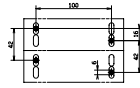
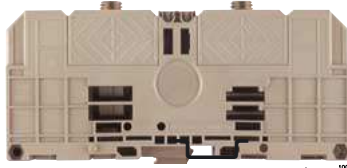
Print			
	DEK Standard	DEK 5	see "Accessories"
	WS white neutral	WS 12/6.5	1609920000 540
	WS indiv. printed	WS 12/6.5	1609930000 108

Mounting rails, end brackets, further marking materials see "Accessories"

- Note:** If tension rods are used, individual terminals can be combined for protection. (available on request)

Stud terminals

WFF 120



Drill template for direct fitting
309 A/150 mm²

V ^{UL}	KEF ^{UL}	LR ^{UL}
42/132/72		
42/230/81		
10		
1000 V/269 A/120 mm ²		
8 kV/3		
10...20		
16...150		
6...150		
16...120		
6...120		
2 x 20 x 1		
6 x 20 x 1		
5 x 24 x 1		
5.26...150	C 8	
292		
292		

1000 V/310 A/10...250 kcmil AWG		
600 V/310 A/10...250 kcmil AWG		

	Cat. No.	Qty.
WFF 120	1028500000	5
WFF 120	1028580000	5

WFF 120	1029500000	5
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Type	Cat. No.	Qty.
WTW WFF 120	1067300000	10

WQL 2/120	1065100000	5
WQL 3/120	1065600000	5

WZAF 120	1066300000	10
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WAH 120	1064660000	20
WAH 120 BL	1064680000	20
WAH 120 HG	1064650000	20
WAP ¹⁾	1073000000	20

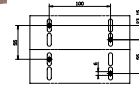
WD 1	1563900000	5
Qty. = 5 cards with 6 labels each		

M 6x16 ²⁾	1063700000	20
SDI	9008410000	1

CPSB M 10	0156400000	50
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DEK 5	see "Accessories"	
WS 12/6.5	1609920000	540
WS 12/6.5	1609930000	108

WFF 185 / WFF 185 M 12 + M 16



Drill template for direct fitting
415 A/240 mm²

V ^{UL}	KEF ^{UL}	LR ^{UL}
55/163/78		
55/287/91		
12		
1000 V/353 A/185 mm ²		
8 kV/3		
14...31		
25...240		
10...240		
25...185		
10...185		
2 x 24 x 1	10 x 24 x 1	
2 x 32 x 1	6 x 32 x 1	
3 x 35 x 1		
8.37...240	C 11	
382		
382		

1000 V/380 A/8...500 kcmil AWG		
600 V/360 A/8...500 kcmil AWG		

	Cat. No.	Qty.
WFF 185	1028600000	4
WFF 185	1028680000	4

WFF 185	1029600000	4
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Type	Cat. No.	Qty.
WTW WFF 185	1067400000	10

WQL 2/185	1065200000	5
WQL 3/185	1065700000	5

WZAF 185	1066400000	10
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WAH 185/300	1064760000	10
WAH 185/300 BL	1064780000	10
WAH 185/300 HG	1064750000	10

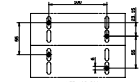
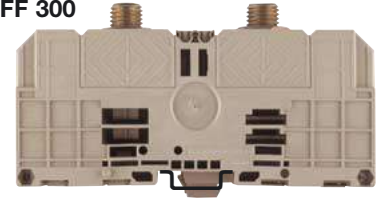
WD 1	1563900000	5
Qty. = 5 cards with 6 labels each		

M 6x16 ²⁾	1063700000	20
SDI	9008410000	1

CPSB M 12	0156500000	20
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DEK 5	see "Accessories"	
WS 12/6.5	1609920000	540
WS 12/6.5	1609930000	108

WFF 300



Drill template for direct fitting
520 A/300 mm²

V ^{UL}	KEF ^{UL}	LR ^{UL}
55/163/86		
55/287/90		
16		
1000 V/520 A/300 mm ²		
8 kV/3		
25...60		
50...300		
25...240		
50...240		
25...240		
2 x 40 x 1	3 x 35 x 1	
6 x 40 x 1	8 x 32 x 1	
8 x 40 x 1		
13.3...300	-	
520		
520		

1000 V/500 A/6...600 kcmil AWG		
600 V/510 A/6...600 kcmil AWG		

	Cat. No.	Qty.
WFF 300	1028700000	4
WFF 300	1028780000	4

WFF 300	1029700000	4
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Type	Cat. No.	Qty.
WTW WFF 300	1067400000	10

WQL 2/300	1065300000	5
WQL 3/300	1065800000	5

WZAF 300	1066500000	10
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WAH 185/300	1064760000	10
WAH 185/300 BL	1064780000	10
WAH 185/300 HG	1064750000	10

WD 1	1563900000	5
Qty. = 5 cards with 6 labels each		

M 6x16 ²⁾	1063700000	20
SDI	9008410000	1

CPSB M 16	0156500000	20
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DEK 5	see "Accessories"	
WS 12/6.5	1609920000	540
WS 12/6.5	1609930000	108

¹⁾ The WAP can be used only in conjunction with the WAH.
In the event that no conductor is connected, it guarantees shock protection in the connection.
²⁾ Screw locking e.g. with Loctite 243 for e.g. railway applications acc. to DIN EN 50 155/5.96

Note: If tension rods are used, individual terminals can be combined for protection. (available on request)

Protective conductor terminals

Standard design

Dimensions / approvals

Width/length/height (mm) with TS 35 x 7.5 
 Insulation stripping length/clamping screw/screwdriver blade

Rated data acc. to VDE 0611 Part 3/IEC 60 947-7-2

Rated voltage/current for PEN/cross-section
 Rated voltage/impulse voltage/pollution severity to adjacent terminal

Further technical data

Tightening torque range Nm
 Torque setting with DMS 2 electric screwdriver

Clampable conductors




Solid H07V-U	mm ²	0.5...4
Stranded H07V-R	mm ²	1.5...4
Flexible H07V-K	mm ²	0.5...4
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm ²	0.5...2.5
Flexible H07V-K and ferrules with plastic insul. collar	mm ²	0.5...2.5 ³⁾
AWG conductor	Nr.	26...12
Max. clamping range in mm ² /Gauge pin acc. to 60947-7-1	Size	0.13...4

Ordering data

Green/yellow Wemid

Support block¹⁾

Marking tags

	DEK	Standard
	WS White	neutral
	WS	indiv. printed

WPE 2.5



UL

5/60/47
 10 mm/M 2.5/3.5 x 0.6

- V/- A/2.5 mm²
 800 V/8 kV/3

0.4...0.7
 1/1

0.5...4	A 3
1.5...4	
0.5...4	
0.5...2.5	
0.5...2.5 ³⁾	
26...12	
0.13...4	A 3

Type	Cat. No.	Qty.
WPE 2.5	1010000000	100

SH 2	0494920000	10
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DEK 5	see "Accessories"	
WS 12/5	1609860000	720
WS 12/5	1773380000	300

WPE 4



UL

6/60/47
 10 mm/M 3/3.5 x 0.6

- V/- A/4 mm²
 800 V/8 kV/3

0.5...1.0/0.5...0.8 (for centre screw)
 2/2 (for centre screw)

0.5...6	A 4
1.5...6	
0.5...6	
0.5...4	
0.5...4	
26...10	
0.13...6	A 4

Type	Cat. No.	Qty.
WPE 4	1010100000	100

SH 2	0494920000	10
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DEK 6	see "Accessories"	
WS 8/5	1640740000	720
WS 8/5	1773360000	300

WPE 6



UL

8/60/47
 12 mm/M 3.5/4.0 x 0.8

- V/- A/6 mm²
 800 V/8 kV/3

0.8...1.6/0.5...1.0 (for centre screw)
 3/2 (for centre screw)

0.5...10	A 5
1.5...6	
0.5...10	
0.5...6	
0.5...6	
26...8	
0.13...10	A 5


Type	Cat. No.	Qty.
WPE 6	1010200000	50

SH 2	0494920000	10
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DEK 8	see "Accessories"	
WS 12/6.5	1609920000	540
WS 12/6.5	1609930000	108

Standard design

Dimensions / approvals

Width/length/height (mm) with TS 35 x 7.5 
 Insulation stripping length/clamping screw/screwdriver blade

Rated data acc. to VDE 0611 Part 3/IEC 60 947-7-2

Rated voltage/current for PEN/cross-section
 Rated voltage/impulse voltage/pollution severity to adjacent terminal

Further technical data

Tightening torque range Nm
 Torque setting with DMS 2 electric screwdriver

Clampable conductors

Solid H07V-U	mm ²	1.5...16
Stranded H07V-R	mm ²	1.5...16 (16 mm with 2.4 Nm)
Flexible H07V-K	mm ²	1.5...16
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm ²	1.5...16
Flexible H07V-K and ferrules with plastic insul. collar	mm ²	1.5...16
AWG conductor	Nr.	16...8
Max. clamping range in mm ² /Gauge pin acc. to 60947-7-1	Size	1.31...16

Ordering data

Green/yellow Wemid
 Green/yellow Wemid

Support block¹⁾

Bridge²⁾

Marking tags

	DEK	Standard
	WS White	neutral
	WS	indiv. printed

Mounting rails, end brackets, further marking materials see "Accessories"

WPE 10



UL

10/60/47
 12 mm/M 4/5.5 x 1.0

- V/- A/10 mm²
 800 V/8 kV/3

1.2...2.4 / 0.5...1.0 (for centre screw)
 3/2 (for centre screw)

1.5...16	B 6
1.5...16 (16 mm with 2.4 Nm)	
1.5...16	
1.5...16	
1.5...16	
1.5...16	
14...6	
1.31...16	B 6

Type	Cat. No.	Qty.
WPE 10	1010300000	50

SH 2	0494920000	10
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on the external side		
WQB-PEN10	1060300000	10

DEK 8	see "Accessories"	
WS 12/6.5	1609920000	540
WS 12/6.5	1609930000	108

WPE 16



UL

12/60/63
 16 mm/M 5/5.5 x 1.0

- V/- A/16 mm²
 800 V/8 kV/3

2.0...4.0 / 1.2...2.4 (for centre screw)
 -/4 (for centre screw)

1.5...16	B 7
1.5...16	
1.5...16	
1.5...16	
1.5...16	
1.5...16	
14...6	
1.5...25	B 7

Type	Cat. No.	Qty.
WPE 16	1010400000	50

SH 2	0494920000	10
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on the external side		
WQB-PEN16	1060200000	10

DEK 8	see "Accessories"	
WS 12/6.5	1609920000	540
WS 12/6.5	1609930000	108

WPE 35



UL

16/60/70.5 (with  TS 35 x 15)
 18 mm/M 6/6.5 x 1.2

- V/- A/35 mm²
 800 V/8 kV/3

2.5...5.0 / 1.2...2.4 (for centre screw)
 -/4 (for centre screw)

2.5...16	B 9
2.5...50 (with 4 Nm)	
2.5...50	
2.5...50	
2.5...50	
2.5...50	
12...2	
2.5...35	B 9

Type	Cat. No.	Qty.
WPE 35	1010500000	25
for hexagonal socket	1012600000	25

SH 2	0494920000	10
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on the external side		
WQB-PEN35	1060100000	10

DEK 8	see "Accessories"	
WS 12/6.5	1609920000	540
WS 12/6.5	1609930000	108

¹⁾ For insul. arrangement of mount. rails in totally insul. installations

²⁾ Insertable bridge in a TN C distribution network between N terminal (WDU blue) and PE terminal (WPE)

³⁾ Ferrules with optimum diam. for terminals with 5 mm pitch: Cat. No. 1333100000

Protective conductor terminals

Standard design

WPE 1.5/ZZ



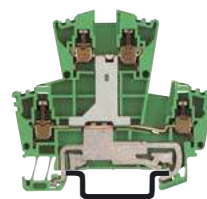
Dimensions / approvals	with TS 35 x 7.5		
Width/length/height (mm)	5/60/47		
Insulation stripping length/clamping screw/screwdriver blade	7 mm/M 2.5/3.5 x 0.6		
Rated data acc. to VDE 0611 Part 3/IEC 60 947-7-2			
Rated voltage/current for PEN/cross-section	- V/- A/1.5 mm ²		
Rated voltage/impulse voltage/pollution severity to adjacent terminal	690 V/8 kV/3		
Further technical data			
Tightening torque range	0.4...0.6 Nm		
Torque setting with DMS 2 electric screwdriver	1/1		
Clampable conductors			
Solid H07V-U	mm ²		0.5...2.5
Stranded H07V-R	mm ²		1.5...2.5
Flexible H07V-K	mm ²		0.5...1.5
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm ²		0.5...1.5
Flexible H07V-K and ferrules with plastic insul. collar	mm ²		0.5...1.5
AWG conductor	Nr.		26...14
Max. clamping range in mm ² /Gauge pin acc. to 60 947-7-1	Size	0.08...2.5 A 1	
Ordering data	Green/yellow Wemid		
Support block¹⁾			
Marking tags			Print
	DEK		Standard
	WS White		neutral
	WS		individ. printed
	Type	Cat. No.	Qty.
	DEK 5	see "Accessories"	
	WS 12/5	1609860000	720
	WS 12/5	1773380000	300

WPE 2.5/1.5/ZR



Dimensions / approvals	with TS 35 x 7.5		
Width/length/height (mm)	5/60/47		
Insulation stripping length/clamping screw/screwdriver blade	10/7 mm/M 2.5/3.5 x 0.6		
Rated data acc. to VDE 0611 Part 3/IEC 60 947-7-2			
Rated voltage/current for PEN/cross-section	- V/- A/2.5 mm ² - V/- A/ 1.5 mm ²		
Rated voltage/impulse voltage/pollution severity to adjacent terminal	690 V/8 kV/3		
Further technical data			
Tightening torque range	0.4...0.6 Nm		
Torque setting with DMS 2 electric screwdriver	1/1		
Clampable conductors			
Solid H07V-U	mm ²		0.5...4
Stranded H07V-R	mm ²		1.5...4
Flexible H07V-K	mm ²		0.5...4
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm ²		0.5...1.5
Flexible H07V-K and ferrules with plastic insul. collar	mm ²		0.5...2.5
AWG conductor	Nr.		26...12
Max. clamping range in mm ² /Gauge pin acc. to 60 947-7-1	Size	0.13...4 A3 0.08...2.5 A 1	
Ordering data	Green/yellow Wemid		
Support block¹⁾			
Marking tags			Print
	DEK		Standard
	WS White		neutral
	WS		individ. printed
	Type	Cat. No.	Qty.
	DEK 5	see "Accessories"	
	WS 12/5	1609860000	720
	WS 12/5	1773380000	300

WDK 2.5 PE WDK 2.5 DU-PE



Dimensions / approvals	with TS 35 x 7.5		
Width/length/height (mm)	5/69/63		
Insulation stripping length/clamping screw/screwdriver blade	10 mm/M 2.5/3.5 x 0.6		
Rated data acc. to VDE 0611 Part 3/IEC 60 947-7-2			
Rated voltage/current for PEN/cross-section	- V/- A/2.5 mm ²		
Rated voltage/impulse voltage/pollution severity to adjacent terminal	400 V/6 kV/3		
Further technical data			
Tightening torque range	0.4...0.6 Nm		
Torque setting with DMS 2 electric screwdriver	1/1		
Clampable conductors			
Solid H07V-U	mm ²		0.5...4
Stranded H07V-R	mm ²		1.5...4
Flexible H07V-K	mm ²		0.5...4
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm ²		0.5...2.5
Flexible H07V-K and ferrules with plastic insul. collar	mm ²		0.5...2.5 ³⁾
AWG conductor	Nr.		22...12
Max. clamping range in mm ² /Gauge pin acc. to 60 947-7-1	Size	0.13...4 A 3	
Ordering data	Green/yellow Wemid		
Support block¹⁾			
Marking tags			Print
	DEK		Standard
	WS White		neutral
	WS		individ. printed
	Type	Cat. No.	Qty.
	WDK 2.5 PE	1036300000	100
	WDK 2.5 DU-PE	1036400000	100
	SH 2	0494920000	10
	DEK 5	see "Accessories"	
	WS 8/5	1640740000	720
	WS 8/5	1773360000	300

Standard design

WPE 10 ZR



Dimensions / approvals	with TS 35 x 7.5		
Width/length/height (mm)	10/70/49.5		
Insulation stripping length/clamping screw/screwdriver blade	12 mm/M 4/5.5 x 1.0 9 mm/M 5/3.5 x 0.6		
Rated data acc. to VDE 0611 Part 3/IEC 60 947-7-2			
Rated voltage/current for PEN/cross-section	- V/- A/10 mm ² - V/- A/4 mm ²		
Rated voltage/impulse voltage/pollution severity to adjacent terminal	800 V/8 kV/3		
Further technical data			
Tightening torque range	1.2...2.4 Nm		
Torque setting with DMS 2 electric screwdriver	4 2		
Clampable conductors			
Solid H07V-U	mm ²		1.5...16 0.5...6
Stranded H07V-R	mm ²		1.5...16 1.5...4
Flexible H07V-K	mm ²		1.5...16 0.5...4
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm ²		1.5...16 0.5...4
Flexible H07V-K and ferrules with plastic insul. collar	mm ²		1.5...16 0.5...4
AWG conductor	Nr.		14...6 22...12
Max. clamping range in mm ² /Gauge pin acc. to 60 947-7-1	Size	1.31...16 0.2...6	
Ordering data	Green/yellow Wemid		
Support block¹⁾			
Bridge²⁾			
Marking tags			Print
	DEK		Standard
	WS White		neutral
	WS		individ. printed
	Type	Cat. No.	Qty.
	DEK 5	see "Accessories"	
	WS 12/6.5	1609920000	540
	WS 12/6.5	1609930000	108

WPE 70/95



Dimensions / approvals	with TS 35 x 15		
Width/length/height (mm)	27/132/115.5 (with TS 35 x 15)		
Insulation stripping length/clamping screw/screwdriver blade	30 mm/M 8/S 6 DIN 6911		
Rated data acc. to VDE 0611 Part 3/IEC 60 947-7-2			
Rated voltage/current for PEN/cross-section	- V/- A/95 mm ²		
Rated voltage/impulse voltage/pollution severity to adjacent terminal	1000 V/8 kV/3		
Further technical data			
Tightening torque range	6.0...12/3.0...6.0 (for centre screw)		
Torque setting with DMS 2 electric screwdriver	16...120		
Clampable conductors			
Solid H07V-U	mm ²		16
Stranded H07V-R	mm ²		16...120
Flexible H07V-K	mm ²		16...95
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm ²		35...95
Flexible H07V-K and ferrules with plastic insul. collar	mm ²		35.50
AWG conductor	Nr.		6...2/0
Max. clamping range in mm ² /Gauge pin acc. to 60 947-7-1	Size	16...120 B 12	
Ordering data	Green/yellow Wemid		
Support block¹⁾			
Bridge²⁾			
Marking tags			Print
	DEK		Standard
	WS White		neutral
	WS		individ. printed
	Type	Cat. No.	Qty.
	DEK 5	see "Accessories"	
	WS 12/6.5	1609920000	540
	WS 12/6.5	1609930000	108

WPE 120





Dimensions / approvals	with TS 35 x 15		
Width/length/height (mm)	32/132/125.5 (with TS 35 x 15)		
Insulation stripping length/clamping screw/screwdriver blade	35 mm/M 10/S 6 DIN 6911		
Rated data acc. to VDE 0611 Part 3/IEC 60 947-7-2			
Rated voltage/current for PEN/cross-section	- V/- A/120 mm ²		
Rated voltage/impulse voltage/pollution severity to adjacent terminal	1000 V/8 kV/3		
Further technical data			
Tightening torque range	10...20/3.0...6.0 (for centre screw)		
Torque setting with DMS 2 electric screwdriver	35...150		
Clampable conductors			
Solid H07V-U	mm ²		-
Stranded H07V-R	mm ²		35...150
Flexible H07V-K	mm ²		35...150
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm ²		-
Flexible H07V-K and ferrules with plastic insul. collar	mm ²		-
AWG conductor	Nr.		2...MCM 250
Max. clamping range in mm ² /Gauge pin acc. to 60 947-7-1	Size	35...150 B 13	
Ordering data	Green/yellow Wemid		
Support block¹⁾			
Bridge²⁾			
Marking tags			Print
	DEK		Standard
	WS White		neutral
	WS		individ. printed
	Type	Cat. No.	Qty.
	DEK 5	see "Accessories"	
	WS 12/6.5	1609920000	540
	WS 12/6.5	1609930000	108

1) For insul. arrangement of mount. rails in totally insul. installations
 2) Insertable bridge in a TN C distribution network between N terminal (WDU blue) and PE terminal (WPE)
 3) Ferrules with optimum diam. for terminals with 5 mm pitch: Cat. No. 1333100000

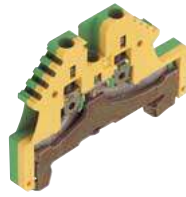
4) TS 35x15 Cu, Cat. No. 0270100000

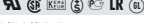
Protective conductor terminals

Compact design "N" for low type

Dimensions / approvals	
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	
Rated data acc. to VDE 0611 Part 3/IEC 60 947-7-2	
Rated voltage/current for PEN/cross-section	
Rated voltage/impulse voltage/pollution severity to adjacent terminal	
Further technical data	
Tightening torque range	Nm
Torque setting with DMS 2 electric screwdriver	
Clampable conductors	
Solid H07V-U	mm ²
Stranded H07V-R	mm ²
Flexible H07V-K	mm ²
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm ²
Flexible H07V-K and ferrules with plastic insul. collar	mm ²
AWG conductor	Nr.
Max. clamping range in mm ² /Gauge pin acc. to 60 947-7-1	Size
Ordering data	
	Green/yellow Wemid
Support block ¹⁾	
Marking tags	
	DEK
	WS
	Standard
	WS White neutral
	WS indiv. printed
Print	

WPE 2.5N





		
5/54/37.5		
10 mm/M 2.5/3.5 x 0.6		
– V/– A/2.5 mm ²		
500 V/6 kV/3		
0.4...0.6		
1/1		
0.5...4		
1.5...4		
0.5...4		
0.5...2.5		
0.5...2.5 ⁵⁾		
26...12		
0.13...4	A 3	
Type	Cat. No.	Qty.
WPE 2.5N	1016200000	100
SH 2	0494920000	10
DEK 5	see "Accessories"	
WS 12/5	1609860000	720
WS 12/5	1773380000	300

WPE 4N




6/44/38.5		
10 mm/M 3/3.5 x 0.6		
– V/– A/4 mm ²		
6 kV/3		
0.5...1.0		
2		
0.5...6		
1.5...6		
0.5...4		
0.5...4		
0.5...4		
0.13...6	A 3	
Type	Cat. No.	Qty.
WPE 4N	1042700000	100
SH 2	0494920000	10
DEK 6	see "Accessories"	
WS 12/6	1609900000	720
WS 12/6	1609910000	30

Compact design "N" for low type

Dimensions / approvals	
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	
Rated data acc. to VDE 0611 Part 3/IEC 60 947-7-2	
Rated voltage/current for PEN/cross-section	
Rated voltage/impulse voltage/pollution severity to adjacent terminal	
Further technical data	
Tightening torque range	Nm
Torque setting with DMS 2 electric screwdriver	
Clampable conductors	
Solid H07V-U	mm ²
Stranded H07V-R	mm ²
Flexible H07V-K	mm ²
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm ²
Flexible H07V-K and ferrules with plastic insul. collar	mm ²
AWG conductor	Nr.
Max. clamping range in mm ² /Gauge pin acc. to 60 947-7-1	Size
Ordering data	
	Green/yellow Wemid
Support block ¹⁾	
Bridge ²⁾	
Marking tags	
	DEK
	WS
	Standard
	WS White neutral
	WS indiv. printed
Print	


WPE 16N



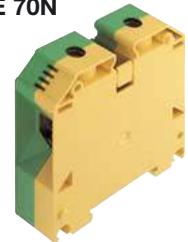
		
12/60/47		
12 mm/M 4/5.5 x 1.0		
– V/– A/16 mm ²		
400 V/6 kV/3		
1.2...2.0/0.5...1.0 (for centre screw)		
–/2 (for centre screw)		
4...16		
4...25 (25 mm ² for 2.2 Nm)		
4...16		
4...16		
4...16		
4...16		
14...6		
1.5...2	B 7	
Type	Cat. No.	Qty.
WPE 16N	1019100000 ³⁾	50
SH 2	0494920000	10
Bridge on internal side		
WQV 16N-PEN	1071360000 ⁴⁾	10
DEK 8	see "Accessories"	
WS 12/6.5	1609920000	540
WS 12/6.5	1609930000	108


WPE 35N



		
16/66/51		
18 mm/M 6/5.5 x 1.0		
– V/– A/35 mm ²		
400 V/6 kV/3		
2.5...5.0/1.2...2.4 (for centre screw)		
–/4 (for centre screw)		
2.5...16		
2.5...50		
2.5...35		
2.5...35		
2.5...35		
2.5...35		
2.5...50	B 9	
Type	Cat. No.	Qty.
WPE 35N	1717740000 ⁵⁾	20
SH 2	0494920000	10
Bridge on the external side		
WQB-PEN35N	1079500000	10
DEK 8	see "Accessories"	
WS 12/6.5	1609920000	540
WS 12/6.5	1609930000	108

WPE 70N



		
20.5/75/93.5 (with TS 35 x 15) ³⁾		
22 mm/M 8/S 6 DIN 6911		
– V/– A/70 mm ²		
1000 V/8 kV/3		
6.0...10/2.0...4.0 (for centre screw)		
10...16		
10...95		
10...70		
10...70		
10...70		
10...70		
8...2/0		
10...95	B 11	
Type	Cat. No.	Qty.
WPE 70N	9512200000 ⁵⁾	10
SH 2	0494920000	10
Bridge on internal side		
WQV 70N-PEN	9525840000	5
DEK 8	see "Accessories"	
WS 12/6.5	1609920000	540
WS 12/6.5	1609930000	108




1) For insul. arrangement of mount. rails in totally insul. installations
 2) Insertable bridge in a TN C distribution network between N terminal (WDU blue) and PE terminal (WPE)

3) WPE 35 and WPE 70N for TS 35 x 15 Cu Cat. No. 027010000

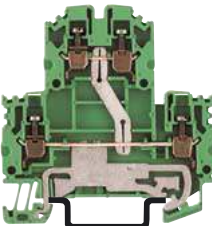
4) For preparing PEN bridges and using WQV 16 N, route the N conductor-in-feed between PE and phase.
 5) Ferrules with optimum diam. for terminals with 5 mm pitch: Cat. No. 1333100000


Protective conductor terminals

Compact design "N" for low type

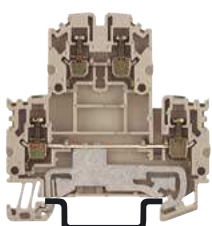
Dimensions / approvals	
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	
Rated data acc. to VDE 0611 Part 3/IEC 60 947-7-2	
Rated voltage/current for PEN/cross-section	
Rated voltage/impulse voltage/pollution severity to adjacent terminal	
Further technical data	
Tightening torque range	Nm
Torque setting with DMS 2 electric screwdriver	
Clampable conductors	
Solid H07V-U	mm ²
Stranded H07V-R	mm ²
Flexible H07V-K	mm ²
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm ²
Flexible H07V-K and ferrules with plastic insul. collar	mm ²
AWG conductor	Nr.
Max. clamping range in mm ² /Gauge pin acc. to 60 947-7-1	Size
Ordering data	
	Green/yellow Wemid
Support block ¹⁾	
Marking tags	
	DEK Standard
	WS White neutral
	WS indiv. printed
Print	


WDK 2.5N PE





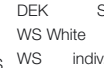
		
5/60/62		
8 mm/M 2.5/3.5 x 0.6		
- V/- A/2.5 mm ²		
800 V/8 kV/3		
0.4...0.6		
1		
0.5...4		
1.5...4		
0.5...4		
0.5...2.5		
0.5...2.5 ²⁾		
22...12		
0.13...4		
A 3		
Type	Cat. No.	Qty.
WDK 2.5N PE	1041620000	100
SH 2	0494920000	10
DEK 5	see "Accessories"	
WS 8/5	1640740000	720
WS 8/5	1773360000	300

WDK 2.5N DU-PE

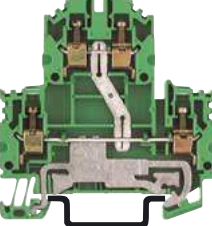


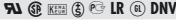
		
5/60/62		
8 mm/M 2.5/3.5 x 0.6		
- V/- A/2.5 mm ²		
800 V/8 kV/3		
0.4...0.6		
1		
0.5...4		
1.5...4		
0.5...4		
0.5...2.5		
0.5...2.5 ²⁾		
22...12		
0.13...4		
A 3		
Type	Cat. No.	Qty.
WDK 2.5N DU-PE	1041650000	100
SH 2	0494920000	10
DEK 5	see "Accessories"	
WS 8/5	1640740000	720
WS 8/5	1773360000	300

Compact design "N" for low type

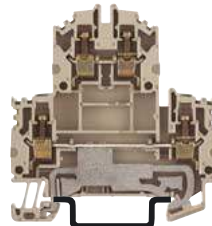
Dimensions / approvals	
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	
Rated data acc. to VDE 0611 Part 3/IEC 60 947-7-2	
Rated voltage/current for PEN/cross-section	
Rated voltage/impulse voltage/pollution severity to adjacent terminal	
Further technical data	
Tightening torque range	Nm
Torque setting with DMS 2 electric screwdriver	
Clampable conductors	
Solid H07V-U	mm ²
Stranded H07V-R	mm ²
Flexible H07V-K	mm ²
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm ²
Flexible H07V-K and ferrules with plastic insul. collar	mm ²
AWG conductor	Nr.
Max. clamping range in mm ² /Gauge pin acc. to 60 947-7-1	Size
Ordering data	
	Green/yellow Wemid
Support block ¹⁾	
Marking tags	
	DEK Standard
	WS White neutral
	WS indiv. printed
Print	


WDK 4N PE



		
5/60/64		
8 mm/M 3/3.5 x 0.6		
- V/- A/4 mm ²		
800 V/8 kV/3		
0.5...1.0		
2		
0.5...6		
1.5...6		
0.5...4		
1.5...4		
1.5...4		
26...10		
0.13...6		
A 3		
Type	Cat. No.	Qty.
WDK 4N PE	1041920000	100
SH 2	0494920000	10
DEK 5	see "Accessories"	
WS 8/5	1640740000	720
WS 8/5	1773360000	300

WDK 4N DU-PE



		
5/60/64		
8 mm/M 3/3.5 x 0.6		
- V/- A/4 mm ²		
800 V/8 kV/3		
0.5...1.0		
2		
0.5...6		
1.5...6		
0.5...4		
1.5...4		
1.5...4		
26...10		
0.13...6		
A 3		
Type	Cat. No.	Qty.
WDK 4N DU-PE	1041950000	100
SH 2	0494920000	10
DEK 5	see "Accessories"	
WS 8/5	1640740000	720
WS 8/5	1773360000	300

Mounting rails, end brackets, further marking materials see "Accessories"

¹⁾ For insul. arrangement of mount. rails in totally insul. installations
²⁾ Ferrules with optimum diam. for terminals with 5 mm pitch: Cat. No. 1333100000

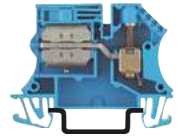
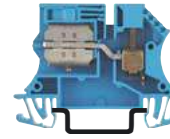
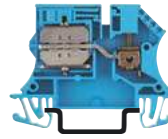
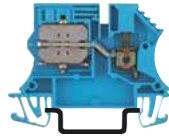
Neutral disconnect terminals

WNT 2.5

WNT 4

WNT 6

WNT 10



Max. technical data

Dimensions / approvals

Width/length/height (mm) with TS 35 x 7.5

Insulation stripping length/clamping screw/screwdriver blade

VDE rated data 0611 Part 5

Rated voltage/current/cross-section

Rated voltage/impulse voltage/pollution severity

Further technical data

Tightening torque range clamping screw / N disconnecter Nm

Torque setting with DMS 2 electric screwdriver

Clampable conductors

Solid H07V-U mm²

Stranded H07V-R mm²

Flexible H07V-K mm²

Flexible H07V-K and ferrule acc. to DIN 46 228/1 mm²

Flexible H07V-K and ferrules with plastic insul. collar mm²

Max. clamping range in mm²/Gauge pin acc. to 60 947-7-1 Size

Cont. current of cross-connect. 2-pole A

Cont. current of cross-connect. multi-pole A

UL/CSA rated data

Voltage/current/conductor size UL

Voltage/current/conductor size CSA

Ordering data

Version

For busbar 10 x 3

Blue Wemid

For busbar 10 x 3 as PA disconnecter

Dark beige Wemid

(VDE 0107)

32 A/4 mm²

DNV

5/60/47

10 mm/M 2.5/3.5 x 0.6

400 V/24 A/2.5 mm²

400 V/6 kV/3

0.4...0.6 / 0.4...0.6

1

0.5...4

1.5...4

0.5...4

0.5...2.5

0.5...(2.5)

0.13...4 A 3

A

A

600 V/25 A/22...12 AWG

600 V/20 A/26...12 AWG

Type	Cat. No.	Qty.
WNT 2.5	1010680000	100
WNT 2.5	1010600000	100

Type	Cat. No.	Qty.
WNT 2.5	1010680000	100
WNT 2.5	1010600000	100

41 A/6 mm²

DNV

6/60/47

10 mm/M 3/3.5 x 0.6

400 V/32 A/4 mm²

400 V/6 kV/3

0.5...1.0 / 0.4...0.8

2

0.5...6

1.5...6

0.5...6

0.5...4

0.5...4

0.13...6 A 4

A

A

600 V/35 A/22...10 AWG

600 V/35 A/26...10 AWG

Type	Cat. No.	Qty.
WNT 4	1010780000	100
WNT 4	1010700000	100

Type	Cat. No.	Qty.
WNT 4	1010780000	100
WNT 4	1010700000	100

57 A/10 mm²

DNV

8/60/47

12 mm/M 3.5/4.0 x 0.8

400 V/41 A/6 mm²

400 V/6 kV/3

0.8...1.2 / 0.8...1.6

3

0.5...10

1.5...10

0.5...10

0.5...6

0.5...6

0.5...10 A 5

A

A

600 V/45 A/20...8 AWG

600 V/45 A/20...8 AWG

Type	Cat. No.	Qty.
WNT 6	1010880000	50
WNT 6	1010800000	50

Type	Cat. No.	Qty.
WNT 6	1010880000	50
WNT 6	1010800000	50

76A/16 mm²

DNV

10/60/47

12 mm/M 4/5.5 x 1.0

400 V/57 A/10 mm²

400 V/6 kV/3

1.2...2.0 / 0.8...1.6

4

1.5...16

1.5...16 (16 mm² w. 2.4 Nm)

1.5...16

1.5...16

1.5...16

1.31...16 B 6

A

A

600 V/60 A/16...8 AWG

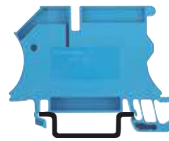
600 V/65 A/16...6 AWG

Type	Cat. No.	Qty.
WNT 10	1010980000	50
WNT 10	1010900000	50

Type	Cat. No.	Qty.
WNT 10	1010980000	50
WNT 10	1010900000	50

Neutral disconnect terminals

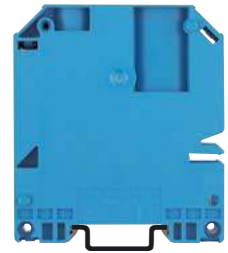
WNT 16N



WNT 35N



WNT 70N



Max. technical data

Dimensions / approvals

Width/length/height (mm) with TS 35 x 7.5

Insulation stripping length/clamping screw/screwdriver blade

VDE rated data 0611 Part 5

Rated voltage/current/cross-section

Rated voltage/impulse voltage/pollution severity

Further technical data

Tightening torque range clamping screw / N disconnect Nm

Torque setting with DMS 2 electric screwdriver

Clampable conductors

Solid H07V-U mm²

Stranded H07V-R mm²

Flexible H07V-K mm²

Flexible H07V-K and ferrule acc. to DIN 46 228/1 mm²

Flexible H07V-K and ferrules with plastic insul. collar mm²

Max. clamping range in mm²/Gauge pin acc. to 60 947-7-1 Size

UL/CSA rated data

Voltage/current/conductor size UL

Voltage/current/conductor size CSA

Ordering data

For busbar 10 x 3 Version Blue Wemid

Support plate

for SSch 10 x 3 Blue Wemid Dark beige Wemid



Thickness 1.5 mm
Distance WHP-WHP max. 200mm

Busbar 10 x 3

Cu 140 A



Distance f. upper edge busbar to upper edge of TS 35 = 25.5 mm

Clamping yoke

Supply for SSch 10 x 16...50 mm² stranded



ZB 35 K

ZB 35

Test plug



End bracket

Bridge on the external side

Cross-section of connection is reduced by one level

Marking tags

DEK	Print
DEK	Standard
WS White	neutral
WS	indiv. printed

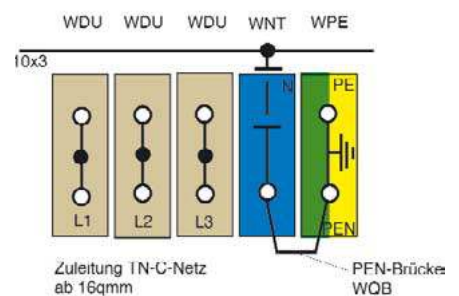
WS

Type	Cat. No.	Qty.
WNT 16N	101900000	50
WHP 2.5-10	1050280000	20
WHP 2.5-10	1050200000	20
SSch 10 x 3 Cu	0348900000	1 m
ZB 35 K	0502680000	20
ZB 35	0266500000	20
PS 2.3	0180400000	20
WEW 35 / 2	1061200000	50
WQB-PEN 16N	1079600000	10
DEK 5	see "Accessories"	
WS 12/6.5	1609920000	540
WS 12/6.5	1609930000	108

Type	Cat. No.	Qty.
WNT 35N	1718550000	20
WHP 2.5-10	1050280000	20
WHP 2.5-10	1050200000	20
SSch 10 x 3 Cu	0348900000	1 m
ZB 35 K	0502680000	20
ZB 35	0266500000	20
PS 2.3	0180400000	20
WEW 35 / 2	1061200000	50
WQB-PEN 35N	1079500000	10
DEK 5	see "Accessories"	
WS 12/6.5	1609920000	540
WS 12/6.5	1609930000	108

Type	Cat. No.	Qty.
WNT 70N	9512210000	10
WHP 2.5-10	1050280000	20
WHP 2.5-10	1050200000	20
SSch 10 x 3 Cu	0348900000	1 m
ZB 35 K	0502680000	20
ZB 35	0266500000	20
PS 4	0299600000	20
WEW 35 / 2	1061200000	50
WQB-PEN 70N	1079700000	10
DEK 5	see "Accessories"	
WS 12/6.5	1609920000	540
WS 12/6.5	1609930000	108

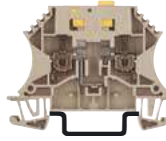
TN-S-Circuit



Mounting rails, end brackets, further marking materials see "Accessories"

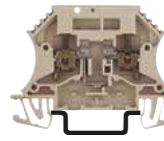
Disconnect test terminals

WTR 2.5

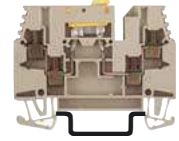


WTR 2.5

without disconnector



WTR 2.5/ZZ



Max. technical data

Dimensions / approvals	
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	

Rated data	
Rated voltage/current/cross-section	
Rated impulse voltage acc. to VDE 0110/pollution severity	

Further technical data	
Tightening torque range	Nm
Torque setting with DMS 2 electric screwdriver	

Clampable conductors	
Solid H07V-U	mm ²
Stranded H07V-R	mm ²
Flexible H07V-K	mm ²
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm ²
Flexible H07V-K and ferrules with plastic insul. collar	mm ²
Max. clamping range in mm ² /Gauge pin acc. to 60 947-7-1	Size
Cont. current of cross-connect. 2-pole	A
Cont. current of cross-connect. multi-pole	A

UL/CSA rated data	
Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA

Ordering data	Version	Cat. No.	Qty.
	Dark beige Wemid	without StB	1011100000 100
	Dark beige Wemid	2 StB 2.3	1011200000 100
	Blue Wemid	without StB	1011180000 100
	Blue Wemid	2 StB 2.3	1011280000 100
	Dark beige Wemid	2 StB 2.0	1013000000 100
	Orange PA		1011160000 100

End plate/partition		Type	Cat. No.	Qty.
WAP	WAP (thickness 1.5 mm)	WAP 2.5-10	1050000000	50
	Dark beige Wemid	WAP 2.5-10BL	1050080000	50
	Blue Wemid	WTW 2.5-10	1050100000	20
	WTW Dark beige Wemid			

Cross-connection / test plug		Type	Cat. No.	Qty.
QL 2-10	QL 2	QL 2	0215800000	100
	QL 3	QL 3	0215900000	100
	QL 4	QL 4	0216000000	50
	QL 10	QL 10	0338000000	20
	BS-M 2.5x4.5	BS-M 2.5x4.5	1062700000	100
	PS 2.3(ø 2.3)	PS 2.3(ø 2.3)	0180400000	20
	PS 2.0(ø 2.0)	PS 2.0(ø 2.0)	0293800000	20
	WDS 2	WDS 2	1069900000	20
	LS 2.8 ⁴⁾	LS 2.8 ⁴⁾	1056400000	50
	WQB B/24	WQB B/24	1579060000	20

Notching tool for cross-connections		Type	Cat. No.	Qty.
To notch the punch-out in the terminal support		WAW 2	9004510000	1

Screwdriver		Type	Cat. No.	Qty.
		SDIZ	9008450000	1

Fuse holder		Type	Cat. No.	Qty.
for 5x20 SIHA		without LED	9537550000	25
		with LED	9537560000	25
		9537570000	25	
		9537580000	25	
		9537590000	25	

Diode plug ³⁾		Type	Cat. No.	Qty.
+ -		WSD 2.5	1058460000	25
- +		WSD 2.5	1058560000	25
With wire link		WSD 2.5	1058660000	25
Without special components		WSD 2.5	1058760000	25

Marking tags		Type	Cat. No.	Qty.
		DEK 5	see "Accessories"	
		WS 12/5	1609860000	720
		WS 12/5	1773380000	300

14 A/2.5 mm ²	14 A/2.5 mm ²	14 A/1.5 mm ²
5/60/49	5/60/49	5/60/49
10 mm/M 2.5/3 ⁵⁾ /3.5 x 0.6	10 mm/M 2.5/3 ⁵⁾ /3.5 x 0.6	7 mm/M 3/3.5 x 0.6
800 V ²⁾ /14 A ⁵⁾ /2.5 mm ²	800 V ²⁾ /14 A ⁵⁾ /2.5 mm ²	400 V/14 A ⁵⁾ /2.5 mm ²
8 kV/3	8 kV/3	6 kV/3
0.4...0.6 / 0.5...0.6 (for test socket)	0.4...0.6 / 0.5...0.6 (for test socket)	0.5...0.6
1/2 (for test socket)	1/2 (for test socket)	2
0.5...4	0.5...4	0.5...4
1.5...4	1.5...4	1.5...4
0.5...4	0.5...4	0.5...2.5
0.5...2.5	0.5...2.5	0.5...2.5
0.5...2.5 ¹⁾	0.5...2.5 ¹⁾	0.5...2.5 ¹⁾
0.13...4	0.13...4	0.13...4
A 3	A 3	A 3
26	26	24
300 V/10 A/22...12 AWG	300 V/10 A/22...12 AWG	
300 V/10 A/26...12 AWG	300 V/10 A/26...12 AWG	

Ordering data	Version	Cat. No.	Qty.
	Dark beige Wemid	without StB 2.3	1012900000 100
	Dark beige Wemid	with StB 2.3	1012800000 100
	Blue Wemid	without StB 2.0	1013100000 100
	Blue Wemid	with StB 2.0	1013000000 100

Ordering data	Version	Cat. No.	Qty.
	Dark beige Wemid	2 StB 2.3 ³⁾	1039900000 100
	Blue Wemid	2 StB 2.3 ³⁾	1039980000 100
	Dark beige Wemid	WAP WTR 2.5/ZZ	1074600000 20
	Orange PA	WAP WTR2.5/ZZ	1074680000 20

Mounting rails, end brackets, further marking materials see "Accessories"

1) Ferrules with optimum diam. for terminals with 5 mm pitch: Cat. No. 1333100000
 2) As disconnect test terminal 500 V
 3) Apply only 250 V to the diode

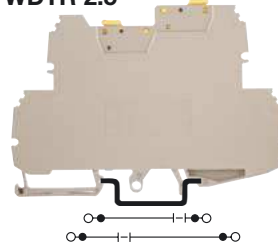
4) When using the screening bar, rated voltage is reduced to 250 V
 5) Rated current is limited to 1 A, if a diode plug with soldered diode is used

Disconnect test terminals

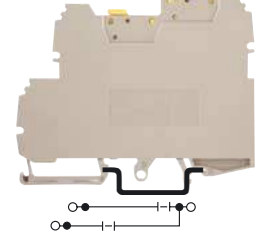
SAKC 4/35



WDTR 2.5



WDTR 2.5/WE



Dimensions / approvals

Width/length/height (mm) with TS 35 x 7.5 6.5/49.5/42.5/59.5
 Insulation stripping length/clamping screw/screwdriver blade 12 mm/M 3/3.5 x 0.6

Rated data

Rated voltage/current/cross-section 400 V/25 A/4 mm²
 Rated impulse voltage acc. to VDE 0110/pollution severity 6 kV/3

Further technical data

Tightening torque range Nm 0.5...1.0
 Torque setting with DMS 2 electric screwdriver 2

Clampable conductors

Solid H07V-U mm² 0.5...6
 Stranded H07V-R mm² 1.5...4
 Flexible H07V-K mm² 0.5...4
 Flexible H07V-K and ferrule acc. to DIN 46 228/1 mm² 0.5...4
 Flexible H07V-K and ferrules with plastic insul. collar mm² _____
 Max. clamping range in mm²/Gauge pin acc. to 60 947-7-1 Size _____ A 4
 Cont. current of cross-connect. 2-pole A 10
 Cont. current of cross-connect. multi-pole A 10

UL/CSA rated data

Voltage/current/conductor size UL _____
 Voltage/current/conductor size CSA _____

Ordering data

Version	Cat. No.	Qty.
Material KrG, colour: dark beige Wemid	SAKC 4/35 0357560000	50
Material KrG, colour: dark beige Wemid	SAKC 4/35 2SIB2.3 0357660000	50
dark beige Wemid	SAKC 4/35 BL	
Blue Wemid	SAKC 4/35 BL	

6.5/49.5/42.5/59.5
 12 mm/M 3/3.5 x 0.6

400 V/25 A/4 mm²
 6 kV/3

0.5...1.0
 2

0.5...6
 1.5...4
 0.5...4
 0.5...4

 _____ A 4

Type	Cat. No.	Qty.
AP	0177600000	20
TW(1.5)	0130160000	20
TW(1.0)	0297100000	20

6.2/94/69
 8 mm/M 3/3.5 x 0.6

400 V/13 A¹⁾/2.5 mm²
 4 kV/3

0.5...0.6
 2

0.5...4
 1.5...4
 0.5...2.5
 0.5...2.5
 0.5...2.5
 0.13...4 A 3

Type	Cat. No.	Qty.
	9528070000	25
	9528080000	25

6.2/81/69
 8 mm/M 3/3.5 x 0.6

400 V/10 A¹⁾/2.5 mm²
 4 kV/3

0.5...0.6
 2

0.5...4
 1.5...4
 0.5...2.5
 0.5...2.5
 0.5...2.5
 0.13...4 A 3

Type	Cat. No.	Qty.
	9528090000	25
	9528100000	25

End plate/partition

Dark beige Wemid
 Blue Wemid
 Dark beige Wemid

Type	Cat. No.	Qty.
AP	0177600000	20
TW(1.5)	0130160000	20
TW(1.0)	0297100000	20

Type	Cat. No.	Qty.

Type	Cat. No.	Qty.

(Thickness 1.5 mm)

Cross-connection



QL 2-10

QB 2	0482700000	100
QB 3	0482800000	50
QB 4	0482900000	50

VQB 1.5/50BL	1633280000	5
VQB1.5/50RT	1633290000	5
VQB1.5/50SW	1635120000	5

VQB 1.5/50BL	1633280000	5
VQB1.5/50RT	1633290000	5
VQB1.5/50SW	1635120000	5



PS

Q 25 blank 0134000000 20



Cross-connection plug (2-pole, ø 2.3) VQB

PS 2.3(ø 2.3) 0180400000 20

PS 2.3(ø 2.3) 0180400000 20

PS 2.3(ø 2.3) 0180400000 20

Notching tool for cross-connections

To notch the punch-out in the terminal support

Screwdriver



SDIZ

SDIZ 9008450000 1

SDIZ 9008450000 1

Diode plug (spare)



With wire link
 Without special components

WSD 2.5	1058460000	25
WSD 2.5	1058560000	25
WSD 2.5	1058660000	25
WSD 2.5	1058760000	25

WSD 2.5	1058460000	25
WSD 2.5	1058560000	25
WSD 2.5	1058660000	25
WSD 2.5	1058760000	25

Marking tags



DEK Standard
 WS White neutral
 WS indiv. printed

Print

DEK 6.5	see "Accessories"
WS 12/6	1609900000 600
WS 12/6	1609910000 120

DEK 6.5	see "Accessories"
WS 12/6	1609900000 600
WS 12/6	1609910000 120

DEK 6.5	see "Accessories"
WS 12/6	1609900000 600
WS 12/6	1609910000 120

Mounting rails, end brackets, further marking materials see "Accessories"

¹⁾ Rated current is limited to 1 A, if a diode plug with soldered diode is used.

Disconnect test terminals

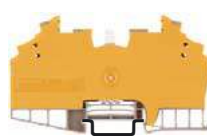
WDT 1.5/1
with space-saving TOP connection



WDT 1.5/2
with space-saving TOP connection



WDT 1.5/3
with space-saving TOP connection



Dimensions / approvals

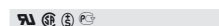
Width/length/height (mm) with TS 35 x 7.5

Insulation stripping length/clamping screw/screwdriver blade

Rated data

Rated voltage/current/cross-section

Rated impulse voltage acc. to VDE 0110/1.89 /pollution severity

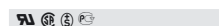


6.5/112/67

10 mm/M 2.5/3.5 x 0.6

250 V/10 A/1.5 mm²

4 kV/3

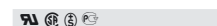


6.5/112/67

10 mm/M 2.5/3.5 x 0.6

250 V/10 A/1.5 mm²

4 kV/3



6.5/112/67

10 mm/M 2.5/3.5 x 0.6

250 V/10 A/1.5 mm²

4 kV/3

Further technical data

Tightening torque range Nm

Torque setting with DMS 2 electric screwdriver

Clampable conductors

Solid H07V-U mm²

Stranded H07V-R mm²

Flexible H07V-K mm²

Flexible H07V-K and ferrule acc. to DIN 46 228/1 mm²

Flexible H07V-K and ferrules with plastic insul. collar mm²

Max. clamping range in mm²/Gauge pin acc. to 60 947-1 Size

Cont. current of cross-connect. 2-pole A

Cont. current of cross-connect. multi-pole A

UL/CSA rated data

Voltage/current/conductor size UL

Voltage/current/conductor size CSA

Ordering data

Dark beige/yellow Wemid

Beige/yellow PA

Blue/light blue PA

Test plug

PS

0.4...0.6

1

0.5...2.5

1.5...2.5

0.5...1.5

0.5...1.5

0.5...1.5

0.13...2.5 A 2

A

150 V/10 A/26...14 AWG

150 V/10 A/26...14 AWG

Cat. No. Qty.

1015800000 25

1015860000 25

Type Cat. No. Qty.

PS 2.3 0180400000 20

0.4...0.6

1

0.5...2.5

1.5...2.5

0.5...1.5

0.5...1.5

0.5...1.5

0.13...2.5 A 2

A 2

150 V/10 A/26...14 AWG

150 V/10 A/26...14 AWG

Cat. No. Qty.

1015900000 25

1015560000 25

Type Cat. No. Qty.

PS 2.3 0180400000 20

0.4...0.6

1

0.5...2.5

1.5...2.5

0.5...1.5

0.5...1.5

0.5...1.5

0.13...2.5 A 2

A 2

150 V/10 A/26...14 AWG

150 V/10 A/26...14 AWG

Cat. No. Qty.

1016000000 25

1015760000 25

1016160000 25

Type Cat. No. Qty.

PS 2.3 0180400000 20

Switching examples

WDT 1.5/...

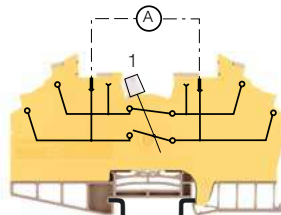
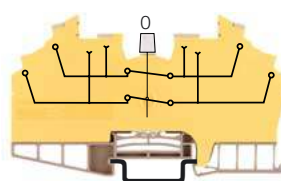
Disconnect test terminals

W-series

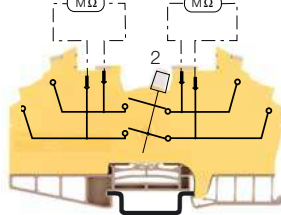
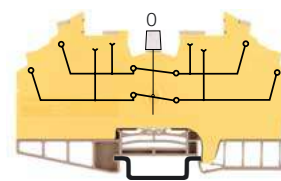
The WDT 1.5 enables the disconnection of one- and two-pole signal lines. By simply operating the selection switch, insulation and current measurements can be performed.

- Quick and reliable conductor connection thanks to TOP connection with open clamping unit
- Test point via test socket screw
- Clear colour coding of conductor connection, test point and switch position
- Non-symmetrical shape enhances mounting rail orientation
- High distortion stiffness thanks to dual-shell enclosed terminal carrier

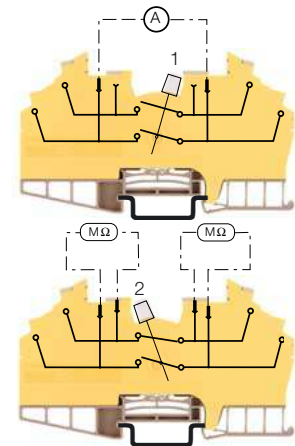
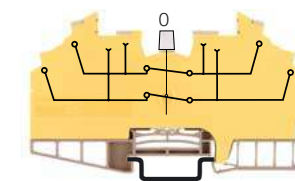
WDT 1.5/1
with space-saving TOP connection



WDT 1.5/2
with space-saving TOP connection



WDT 1.5/3
with space-saving TOP connection



Marking tags



DEK Standard
WS White neutral
WS indiv. printed

Print

DEK 6.5 see "Accessories"
WS 8/5 1640740000 720
WS 8/5 1773360000 300

DEK 6.5 see "Accessories"
WS 8/5 1640740000 720
WS 8/5 1773360000 300

DEK 6.5 see "Accessories"
WS 8/5 1640740000 720
WS 8/5 1773360000 300

Mounting rails, end brackets, further marking materials see "Accessories"

Fuse terminals

WTR 2.5/SI with fuse holder for G fuse inserts 5x20



WTR 4/SI



Note:

With blown fuse the follow-on circuit is still under current. Disconnect lever to open circuit.

Max. technical data

Dimensions/approvals	
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	10 mm/M 2.5/3.5 x 0.6
Rated data of terminal base	
Rated voltage/current/cross-section	400 V/6.3 A ²⁾ /2.5 mm ²
Rated impulse voltage acc. to VDE 0110/1.89 /pollution severity	6 kV/3
Further technical data	
Tightening torque range	Nm 0.4...0.8
Torque setting with DMS 2 electric screwdriver	1/2
Clampable conductors	
Solid H07V-U	mm ² 0.5...4
Stranded H07V-R	mm ² 1.5...4
Flexible H07V-K	mm ² 0.5...4
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm ² 0.5...2.5
Flexible H07V-K and ferrules with plastic insul. collar	mm ² 0.5...2.5 ³⁾
Max. clamping range in mm ² /Gauge pin acc. to 947-1	Size 0.13...4 A 3
Cont. current of cross-connect. 2-pole	A 32
Cont. current of cross-connect. multi-pole	A 32
UL/CSA rated data	
Voltage/current/conductor size	UL 400 V/10 A/22...10 AWG ⁵⁾
Voltage/current/conductor size	CSA 300 V/6.3 A/22...10 AWG ⁴⁾
Ordering data	
	Version
	Dark beige Wemid
	Dark beige Wemid/LED
	Dark beige Wemid/LED
	Dark beige Wemid/LED
	Dark beige Wemid/LED

6.3 A ¹⁾ /-		
5/60/83		
10 mm/M 2.5/3.5 x 0.6		
400 V/6.3 A ²⁾ /2.5 mm ²		
6 kV/3		
0.4...0.8		
1/2		
0.5...4		
1.5...4		
0.5...4		
0.5...2.5		
0.5...2.5 ³⁾		
0.13...4	A 3	
A		
A		
400 V/10 A/22...10 AWG ⁵⁾		

6.3 A ¹⁾ /-		
6/60/82		
13 mm/M 3/3.5 x 0.6		
400 V/6.3 A ²⁾ /4 mm ²		
6 kV/3		
0.5...1.0		
2		
0.5...6		
1.5...6		
0.5...4		
0.5...4		
0.5...4		
0.13...6	A 4	
32		
32		
300 V/6.3 A/22...10 AWG ⁴⁾		
300 V/6.3 A/22...10 AWG ⁴⁾		

Ordering data	Version	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
	Dark beige Wemid	400 V	1763940000	25	WTR 4 SI	7910240000	25
	Dark beige Wemid/LED	10-36 V UL: 36 V/10 A/22...10 AWG	1763950000	25	10-36 V CSA: 36 V/6.3 A/22...10 AWG	7914370000	25
	Dark beige Wemid/LED	35-70 V UL: 70 V/10 A/22...10 AWG	1763960000	25	35-70 V CSA: 70 V/6.3 A/22...10 AWG	7914380000	25
	Dark beige Wemid/LED	60-150 V UL: 150 V/10 A/22...10 AWG	1763970000	25	60-150 V CSA: 150 V/6.3 A/22...10 AWG	7914390000	25
	Dark beige Wemid/LED	140-250 V UL: 250 V/10 A/22...10 AWG	1763980000	25	140-250 V CSA: 250 V/6.3 A/22...10 AWG	7914400000	25
		WAP 2.5-10	1050000000	50	WAP 2.5-10	1050000000	50
		WAP2.5-10BL	1050080000	50	WAP2.5-10BL	1050080000	50
		WTW 2.5-10	1050100000	20	WTW 2.5-10	1050100000	20
		QL 2	0215800000	100	ZQV 4N/2	1758250000	60
		QL 3	0215900000	100	ZQV 4N/3	1762630000	60
		QL 4	0216000000	50	ZQV 4N/4	1762620000	60
		QL 10	0338000000	20	ZQV 4N/10	1758260000	60
		BS-M 2.5x4.5	1052100000	100	ZQV 4N/41	1758270000	60
		WQB B 24	1579060000	20	QB75/6.2/15	0535200000	20
					ISPF QB75 SW	0526700000	20
					ISPF QB75 BL	0526780000	20
					ISPF QB75 RT	0526760000	20
		WAW 2	9004510000	1			

Partition/End plate



Cross-connection



Notching tool for QL WAW 2

G fuse inserts 5 x 20 mm

Acc. to IEC 60127-2 (VDE 0820 T.2 BI ²⁾) Rat. current (A):0.10 fast		0430300000	10
Rated voltage 250 V	0.20 fast	0430400000	10
Rated switch-off capacity 1500 A (at 250 V, 50 Hz, cos φ = 0.7)	0.25 fast	0430500000	10
	0.50 fast	0430600000	10
	1.0 fast	0430700000	10
	1.6 fast	0430800000	10
	2.0 fast	0430900000	10
	2.5 fast	0431000000	10
	3.15 fast	0431100000	10
	4.0 fast	0431200000	10
	5.0 fast	0431300000	10
	6.3 fast	0431400000	10

Marking tags

	DEK	Standard	DEK 5	see "Accessories"
	WS White	neutral	WS 12/6.5	1609920000 540
	WS	indiv. printed	WS 12/6.5	1609930000 108

Mounting rails, end brackets, further marking materials see "Accessories"

¹⁾ Pay attention to the power loss of the fuse insert up to 1.6 W
²⁾ Maximum power loss 1.6 W

³⁾ Ferrules with optimum diam. for terminals with 5 mm pitch:
 Cat. No. 1333100000

⁴⁾ WTR 4 SI
⁵⁾ WTR 2.5 SI

Fuse terminals

Note:
With blown fuse the follow-on circuit is still under current. Disconnect lever to open circuit..

Max. technical data

Dimensions/approvals	
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	
Rated data of terminal base	
Rated voltage/current/cross-section	
Rated impulse voltage acc. to VDE 0110/1.89 /pollution severity	
Further technical data	
Tightening torque range	Nm
Torque setting with DMS 2 electric screwdriver	
Clampable conductors	
Solid H07V-U	mm ²
Stranded H07V-R	mm ²
Flexible H07V-K	mm ²
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm ²
Flexible H07V-K and ferrules with plastic insul. collar	mm ²
Max. clamping range in mm ² /Gauge pin acc. to 947-1	Size
Cont. current of cross-connect. 2-pole	A
Cont. current of cross-connect. multi-pole	A

UL/CSA rated data	
Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA
Ordering data	
	Version
	Dark beige Wemid

Dark beige Wemid/LED
Dark beige Wemid/LED
Dark beige Wemid/LED

Partition/End plate	
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Cross-connection	
------------------	--



D fuse inserts	
Rated voltage 500 V	
E 10 A	0208500000 25
E 16 A	0208600000 25
E 20 A	0208700000 25
E 25 A	0208800000 25

Gauge rings	
P 16/10	0208900000 100
P 16/16	0209000000 100
P 16/20	0209100000 100

Screw cap (spare)	SK	0284110000	20
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Marking tags		Print
	DEK	Standard
	WS White	neutral
	WS	indiv. printed

Mounting rails, end brackets, further marking materials see "Accessories"

*) Also for 400 V - with Neozed marine fuse
) Current for overload up to 10 A, for short-circuits up to 25 A

SAKS 2/35

for D fuses E 16



28/80/75
12 mm/M 4/5.5 x 1
500 V/10 (25) A [§] /10 mm ²
6 kV/3
1.2...2.4
4
0.5...16
0.5...10
0.5...10
0.5...10
0.33...16
Size
B 6
(QL 2...5) 47
(QL 6...10) 36

600 V/25 A/22...8 AWG		
	Cat. No.	Qty.
Dark beige Wemid KrG		
1368700000		20
Diazed E 16		

Type	Cat. No.	Qty.
WTW	1058800000	20

QL 2	0207800000	20
QL 3	0207900000	20
QL 4	0208000000	20
QL 10	0338900000	20
BS M 4x9	0103300000	100
SS M 4	0136400000	100

SAKS 4/35

for D 01 fuses E 14



24/75/66
14 mm/M 4/5.5 x 1
400 V [†] /16 A/10 mm ²
6 kV/3
1.2...2.4
4
0.5...16
1.5...10
0.5...10
0.5...10
0.33...16
Size
B 6
(QL 2...5) 47
(QL 6...10) 36

600 V/30 A/22...8 AWG		
	Cat. No.	Qty.
Dark beige Wemid KrG		
0501800000		20
Neozed D 01		

Type	Cat. No.	Qty.
WTW	1058800000	20

QL 2	0328000000	20
QL 3	0328100000	20
QL 4	0328200000	20
QL 10	0339000000	20
BS M 4x9	0103300000	100
SS M 4	0136400000	100

D 01 fuse inserts	
Rated voltage 400 V	
E 14/2	0137400000 10
E 14/4	0137500000 10
E 14/6	0328300000 10
E 14/10	0328400000 10
E 14/16	0328500000 10

Gauge rings	
P 14/2	0138000000 50
P 14/4	0138100000 50
P 14/6	0328600000 50
P 14/10	0328700000 50

Screw cap (spare)	SK	0339410000	20
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DEK 5	see "Accessories"	
WS 12/6.5	1609920000	540
WS 12/6.5	1609930000	108

SAKS 5/35

for D 02 fuses E 18



28/80/66
13 mm/M 4/5.5 x 1
400 V [†] /63 A/16 mm ²
6 kV/3
1.2...2.4
4
1.5...16
1.5...16
1.5...16
1.5...16
1.5...16
1.5...16
Size
B 7
(QL 2...5) 47
(QL 6...10) 36

600 V/63 A/14...6 AWG		
	Cat. No.	Qty.
Dark beige Wemid KrG		
0502100000		20
Neozed D 02		

Type	Cat. No.	Qty.
WTW	1058800000	20

QL 2	0207800000	20
QL 3	0207900000	20
QL 4	0208000000	20
QL 10	0338900000	20
BS M 4x9	0103300000	100
SS M 4	0136400000	100

D 02 fuse inserts	
Rated voltage 400 V	
E 18/20	0361300000 10
E 18/25	0361400000 10
E 18/35	0361500000 10
E 18/50	0361600000 10
E 18/63	0361700000 10

Gauge rings	
P 18/20	0361800000 50
P 18/25	0361900000 50
P 18/35	0362000000 50
P 18/50	0362100000 50

Screw cap (spare)	SK	0359310000	20
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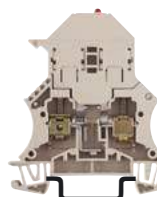
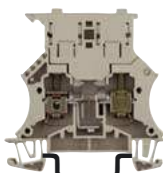
DEK 5	see "Accessories"	
WS 12/6.5	1609920000	540
WS 12/6.5	1609930000	108

Fuse terminals

WSI 6 for metric fuses

WSI 6 LD with LED indicator for DC or AC voltage

WSI 6 2 LD with 2 LEDs for metric fuses, for DC voltage



2-pole
connection
of LED

Note:
Voltage is disconnected by opening the disconnect lever
If the fuse of the LED variants is defective, the follow-on circuit
is still under current, since low-level current is still flowing via the
LED (for own consumption).

Max. technical data

Dimensions/approvals	
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	
Rated data of terminal base	
Rated voltage/current/cross-section	
Rated impulse voltage acc. to VDE 0110/1.89 /pollution severity	
Further technical data	
Tightening torque range	Nm
Torque setting with DMS 2 electric screwdriver	
Clampable conductors	
Solid H07V-U	mm ²
Stranded H07V-R	mm ²
Flexible H07V-K	mm ²
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm ²
Flexible H07V-K and ferrules with plastic insul. collar	mm ²
Max. clamping range in mm ² /Gauge pin acc. to 947-1	Size
Cont. current of cross-connect. 2-pole	A
Cont. current of cross-connect. multi-pole	A

UL/CSA rated data

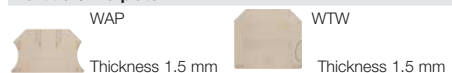
Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA

Ordering data

Version	Dark beige Wemid	Dark beige Wemid/LED	Dark beige Wemid/LED	Dark beige Wemid/LED	Dark beige Wemid/LED

Replacement disconnect lever, dark beige Wemid/LED
Replacement disconnect lever, dark beige Wemid/LED
Replacement disconnect lever, dark beige Wemid/LED

Partition/End plate



Cross-connection/Test plug/Notching tool

Type	Cat. No.	Qty.
WAP	1050000000	50
WTW 2.5-10	1050100000	20
Provide partition behind the last WSI 6		
QL 2	0194300000	50
QL 3	0194400000	50
QL 4	0194500000	50
QL 10	0338300000	20
BS-M 3x5	1052100000	100
PS 2.3	0180400000	20
WAW 2	9004510000	1

G fuse inserts 5 x 25 mm with indicator

Acc. to DIN 41 576	Rated current (A):0.2	med. blow	Cat. No.	Qty.
Rated voltage 250 V	0.5	med. blow	0546900000	10
	0.8	med. blow	0510300000	10
	1	med. blow	0646400000	10
	10	med. blow	0265800000	10
	2	fast	0193100000	10
	4	fast	0192700000	10
	6.3	fast	0192800000	10
			0192900000	10

G fuse inserts 5 x 20 mm

Acc. to IEC 60127-2 (VDE0820T.2 BI 1)	rated current (A):0.10	fast	Cat. No.	Qty.
Rated voltage 250 V	0.20	fast	0430300000	10
Rated switch-off capacity 1500 A	0.25	fast	0430400000	10
(at 250 V, 50 Hz, cos φ = 0.7)	0.50	fast	0430500000	10
	1.0	fast	0430600000	10
	1.6	fast	0430700000	10
	2.0	fast	0430800000	10
	2.5	fast	0430900000	10
	3.15	fast	0431000000	10
	4.0	fast	0431100000	10
	5.0	fast	0431200000	10
	6.3	fast	0431300000	10
			0431400000	10

Mounting rails, end bracket, marking material see "Accessories"

6.3 A/-	
	DNV
8/60/60	
12 mm/M 3.5/4.0 x 0.8	
500 V ²⁾ /6.3 A ¹⁾ /6 mm ²	
6 kV/3	
Tightening torque range Nm 0.8...1.6	
Torque setting with DMS 2 electric screwdriver 3	
Clampable conductors	
Solid H07V-U	mm ²
Stranded H07V-R	mm ²
Flexible H07V-K	mm ²
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm ²
Flexible H07V-K and ferrules with plastic insul. collar	mm ²
Max. clamping range in mm ² /Gauge pin acc. to 947-1	Size
Cont. current of cross-connect. 2-pole	A
Cont. current of cross-connect. multi-pole	A
	5
	26
UL/CSA rated data	
Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA

Type	Cat. No.	Qty.
Dark beige Wemid	1011000000	50
Dark beige Wemid/LED	1028200000	50
Disconnect terminal with contact sleeve		
10...36 V dc/ac	1011300000	50
30...70 V dc/ac	1012200000	50
60...150 V dc/ac	1012300000	50
60...150 Vdc	1012400000	50
140...250 Vac	1012230000	50
10...36 V dc/ac	1012210000	50
30...70 V dc/ac	1035500000	50
60...150 V dc/ac		

Type	Cat. No.	Qty.
WAP	1050000000	50
WTW 2.5-10	1050100000	20

Type	Cat. No.	Qty.
QL 2	0194300000	50
QL 3	0194400000	50
QL 4	0194500000	50
QL 10	0338300000	20
BS-M 3x5	1052100000	100
PS 2.3	0180400000	20
WAW 2	9004510000	1

Type	Cat. No.	Qty.
0.5	0546900000	10
0.8	0510300000	10
1	0646400000	10
10	0265800000	10
2	0193100000	10
4	0192700000	10
6.3	0192800000	10
	0192900000	10

Type	Cat. No.	Qty.
0.10	0430300000	10
0.20	0430400000	10
0.25	0430500000	10
0.50	0430600000	10
1.0	0430700000	10
1.6	0430800000	10
2.0	0430900000	10
2.5	0431000000	10
3.15	0431100000	10
4.0	0431200000	10
5.0	0431300000	10
6.3	0431400000	10

6.3 A/-	
	LR
8/60/70	
12 mm/M 3.5/4.0 x 0.8	
500 V ²⁾ /6.3 A ¹⁾ /6 mm ²	
6 kV/3	
Tightening torque range Nm 0.8...1.6	
Torque setting with DMS 2 electric screwdriver 3	
Clampable conductors	
Solid H07V-U	mm ²
Stranded H07V-R	mm ²
Flexible H07V-K	mm ²
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm ²
Flexible H07V-K and ferrules with plastic insul. collar	mm ²
Max. clamping range in mm ² /Gauge pin acc. to 947-1	Size
Cont. current of cross-connect. 2-pole	A
Cont. current of cross-connect. multi-pole	A
	5
	26
UL/CSA rated data	
Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA

Type	Cat. No.	Qty.
Dark beige Wemid	1011300000	50
Dark beige Wemid/LED	1012200000	50
Dark beige Wemid/LED	1012300000	50
Dark beige Wemid/LED	1012400000	50
140...250 Vac	1012230000	50
10...36 V dc/ac	1012210000	50
30...70 V dc/ac	1035500000	50
60...150 V dc/ac		

Type	Cat. No.	Qty.
WAP	1050000000	50
WTW 2.5-10	1050100000	20

Type	Cat. No.	Qty.
QL 2	0194300000	50
QL 3	0194400000	50
QL 4	0194500000	50
QL 10	0338300000	20
BS-M 3x5	1052100000	100
PS 2.3	0180400000	20
WAW 2	9004510000	1

Type	Cat. No.	Qty.
0.5	0546900000	10
0.8	0510300000	10
1	0646400000	10
10	0265800000	10
2	0193100000	10
4	0192700000	10
6.3	0192800000	10
	0192900000	10

Type	Cat. No.	Qty.
0.10	0430300000	10
0.20	0430400000	10
0.25	0430500000	10
0.50	0430600000	10
1.0	0430700000	10
1.6	0430800000	10
2.0	0430900000	10
2.5	0431000000	10
3.15	0431100000	10
4.0	0431200000	10
5.0	0431300000	10
6.3	0431400000	10

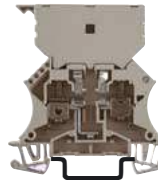
This item has been replaced by
WSI 6 LD with the same functional-
ity (see left side).
Pay attention to the voltage
ranges!

¹⁾ Maximum power loss 1.6 W

²⁾ Rated voltage 500 V for centrally arranged
fuse inserts or contact sleeves

Fuse terminals

WSI 6/2¹⁾ for inch fuses



10 A/-
 12/60/67
 12 mm/M 3.5/4.0 x 0.8
 500 V³⁾ /6.3 A²⁾/6 mm²
 6 kV/3
 0.8...1.6 Nm
 3
 0.5...10 mm²
 1.5...10 mm²
 0.5...10 mm²
 0.5...6 mm²
 0.5...6 mm²
 0.5...10 Size A 5
 Cont. current of cross-connect. 2-pole A
 Cont. current of cross-connect. multi-pole A

WSI 6/2¹⁾ with LED for inch fuses VAC/VDC



10 A/-
 12/60/79
 12 mm/M 3.5/4.0 x 0.8
 500 V³⁾ /6.3 A²⁾/6 mm²
 6 kV/3
 0.8...1.6 Nm
 3
 0.5...10 mm²
 1.5...10 mm²
 0.5...10 mm²
 0.5...6 mm²
 0.5...6 mm²
 0.5...10 Size A 5
 Cont. current of cross-connect. 2-pole A
 Cont. current of cross-connect. multi-pole A

2-pole
connection
of LED

WSI 6/2¹⁾ with 2 LEDs for inch fuses only VDC

This item has been replaced by
WSI 6 LD with the same functional-
ity (see left side).
Pay attention to the voltage
ranges!

Note:

Voltage is disconnected by opening the disconnect lever
If the fuse of the LED variants is defective, the follow-on circuit
is still under current, since low-level current is still flowing via the
LED (for own consumption).

Max. technical data

Dimensions/approvals

Width/length/height (mm) with TS 35 x 7.5
 Insulation stripping length/clamping screw/screwdriver blade

Rated data of terminal base

Rated voltage/current/cross-section
 Rated impulse voltage acc. to VDE 0110/1.89 /pollution severity

Further technical data

Tightening torque range Nm
 Torque setting with DMS 2 electric screwdriver

Clampable conductors

Solid H07V-U mm²
 Stranded H07V-R mm²
 Flexible H07V-K mm²
 Flexible H07V-K and ferrule acc. to DIN 46 228/1 mm²
 Flexible H07V-K and ferrules with plastic insul. collar mm²
 Max. clamping range in mm²/Gauge pin acc. to 947-1 Size
 Cont. current of cross-connect. 2-pole A
 Cont. current of cross-connect. multi-pole A

UL/CSA rated data

Voltage/current/conductor size UL
 Voltage/current/conductor size CSA

Ordering data

Version	Qty.
Dark beige Wemid	25
Dark beige Wemid/LED	
Dark beige Wemid/LED	
Dark beige Wemid/LED	
Dark beige Wemid/LED	

Partition/End plate



Cross-connection



Notching tool for QL WAW 2

G fuse inserts 5 x 25 mm with indicator

Acc. to DIN 41 576 Rated current (A):	0.2	med. blow
Rated voltage 250 V	0.5	med. blow
	0.8	med. blow
	1	med. blow
	10	med. blow
	2	fast
	4	fast
	6.3	fast

G fuse inserts 5 x 20 mm

Rated current (A): 0.10 fast

Acc. to IEC 60127-2 (VDE0820T.2 BI 1)

Rated voltage 250 V
 Rated switch-off capacity 1500 A
 (at 250 V, 50 Hz, cos φ = 0.7)

Type	Cat. No.	Qty.
WAP	1050000000	50
WTW 2.5-10	1050100000	20
Provide partition behind the last WSI 6		
QL 2	0470700000	50
QL 3	0470800000	50
QL 4	0470900000	50
QL 10	0471000000	20
BS-M 3x5	1052100000	100
PS 2.3	0180400000	20
WAW 2	9004510000	1

Fuse inserts
 1/4" x 1 1/4" (6.3 x 32) rated voltage 440 V

E 2 A	0294500000	10
E 3 A	0295700000	10
E 5 A	0294600000	10
E 7 A	0295800000	10
E 10 A	0293900000	10
	0430300000	10

G fuses
 1/4" x 1 1/4" (6.3 x 32)
 (250 V 0.05...6.3 A)
 can be obtained from co. ELU
 Inselstraße 18
 44143 Dortmund, Germany
 +49 (0) 231 - 557030-0.

Type	Cat. No.	Qty.
WAP	1050000000	50
WTW 2.5-10	1050100000	20
QL 2	0470700000	50
QL 3	0470800000	50
QL 4	0470900000	50
QL 10	0471000000	20
BS-M 3x5	1052100000	100
PS 2.3	0180400000	20
WAW 2	9004510000	1

Fuse inserts
 1/4" x 1 1/4" (6.3 x 32) rated voltage 440 V

E 2 A	0294500000	10
E 3 A	0295700000	10
E 5 A	0294600000	10
E 7 A	0295800000	10
E 10 A	0293900000	10

Marking tags

Print	DEK	Standard
WS White	neutral	
WS	indiv. printed	

Print	DEK	see "Accessories"
WS 12/6.5	1609920000	540
WS 12/6.5	1609930000	108

Print	DEK	see "Accessories"
WS 12/6.5	1609920000	540
WS 12/6.5	1609930000	108

Mounting rails, end brackets, further marking materials see "Accessories"

¹⁾ Thermal rated current acc. to VDE 0611 = 6.3 A, when used as short-circuit fuse only up to 15 A.

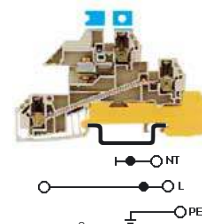
²⁾ Maximum power loss 1.6 W

³⁾ Rated voltage 500 V for centrally arranged fuse inserts or contact sleeves

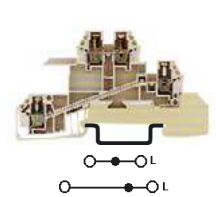
Distribution terminals for N rail 10 x 3

Terminals/accessories

WDL 2.5/S/ NT/L/PE



WDL 2.5/S/ L/L



Installation specifications for heavy-current installations up to 1000 V (according to VDE 0100; IEC 364) require an insulation measurement test of the erected installation. Special regulations stipulate an insulation measurement of all outgoing conductors (L 1, L 2, L 3, N) without making any disconnections. These requirements are met by the three-way terminal WDL. Circuits can be connected on three levels across a width of only 6 mm in a clear and space-saving manner.

WDL 2.5/S...

N cross-connection with the proven busbar system 10 x 3 mm up to 140 A. The supply power of the busbar is fed directly via a separate clamping yoke (ZB 35) or a N disconnect terminal from the WNT-series.

WDL 2.5/S/L/L

Three-phase circuits can be realized by combining three-way terminals (L 1, NT, PE) with WDL 2.5/S/L/L two-way terminals (L 2, L 3).

Max. technical data

Dimensions / approvals	
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	
Rated data	
Rated voltage/current/cross-section	
Rated voltage/surge voltage/pollution severity	
Further technical data	
Tightening torque range	Nm
Torque setting with DMS 2 electric screwdriver	
Clampable conductors	
Solid H07V-U	mm ²
Stranded H07V-R	mm ²
Flexible H07V-K	mm ²
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm ²
Flexible H07V-K and ferrules with plastic insul. collar	mm ²
Max. clamping range in mm ² /Gauge pin acc. to 60 947-7-1	Size
Cont. current of cross-connect. Q multi-pole	A
UL/CSA rated data	
Voltage/current/conductor size	
Voltage/current/conductor size	
Ordering data	
Version	
for TS 35 / Dark beige Wemid	

32 A/4 mm²

6/84.5/48.7		
8 mm/M 2.5/3.5 x 0.6		
VDE 0611 Part 4		
250V/400V/24 A/2.5 mm ²		
250V/400 V/4 kV/3		
0.4...0.6		
1		
0.5...4		
1.5...4		
0.5...4		
0.25...2.5		
0.25...2.5		
0.13...4	A 3	
24		

32 A/4 mm²

6/84.5/48.7		
8 mm/M 2.5/3.5 x 0.6		
IEC 60 947-7-1		
400 V/24 A/2.5 mm ²		
400 V/6 kV/3		
0.4...0.6		
1		
0.5...4		
1.5...4		
0.5...4		
0.25...2.5		
0.25...2.5		
0.13...4	A 3	
24		

End plate



Support plate



for SSch 10 x 3
Blue Wemid
Thickness 1.5 mm
Distance WHP-WHP max. 200 mm

Small partition for Q

Cross-connection (L/N/NT)



Busbar 10 x 3

Distance f. upper edge busbar to upper edge of TS 35 = 25.5 mm
Cu 140 A

Clamping yoke



Supply for SSch 10 x 3
16...50 mm² stranded
16...35 mm² flexible
Gauge pin B9

N-Disconnect terminal

as input terminals

End bracket

Marking tags



DEK Standard
WS White neutral
WS indiv. printed

Type Cat. No. Qty.

WAP WDL 2.5/S
1067700000 20

WHP WDL 2.5/S
1067980000 20

TSch 1 **0319160000** 100

Q 2 **1071500000** 50
Q 3 **1071600000** 50
Q 4 **1071700000** 50
Q 10 **1071800000** 20
Q 20 **1074200000** 20

SSch 10 x 3 Cu
0348900000 1 m

ZB 35 K **0502680000** 50

WNT 10 **1010980000** 50
WNT 16 N **1019000000** 50
WNT 70 N **9512210000** 10

WEW 35 / 2 **1061200000** 50

DEK 6 see "Accessories"
WS 8/5 **1640740000** 720
WS 8/5 **1773360000** 300

Type Cat. No. Qty.

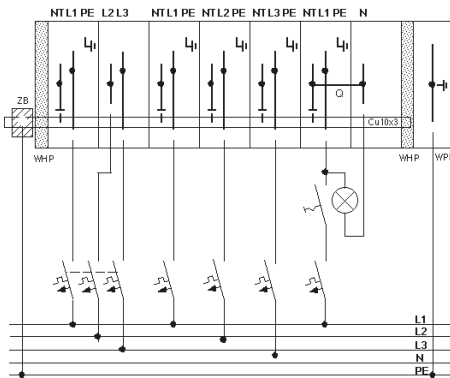
WAP WDL 2.5/S
1067700000 20

TSch 1 **0319160000** 100

Q 2 **1071500000** 50
Q 3 **1071600000** 50
Q 4 **1071700000** 50
Q 10 **1071800000** 20
Q 20 **1074200000** 20

WEW 35 / 2 **1061200000** 50

DEK 6 see "Accessories"
WS 8/5 **1640740000** 720
WS 8/5 **1773360000** 300



Mounting rails, end brackets, further marking materials see "Accessories"

Distribution terminals for N rail 10 x 3

WDL 2.5/S blocks
for a three-phase circuit
for three AC circuits



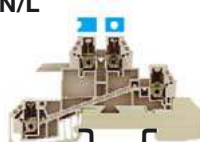
WDL 2.5/S/N



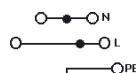
WDL 2.5/S/L



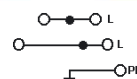
**WDL 2.5/S/
N/L**



**WDL 2.5/S/
N/L/PE**



**WDL 2.5/S/
L/L/PE**



32 A/4 mm ²
12/18/84.5/48.7
8 mm/M 2.5/3.5 x 0.6
250V/400V/24 A/2.5 mm ²
250V/400V/4 kV/3
0.4...0.6
1
0.5...4
1.5...4
0.5...4
0.25...2.5
0.25...2.5
0.13...4
24
300 V/15 A/22...12 AWG
300 V/10 A/26...12 AWG
Cat. No. Qty.
Block of 3; 1030600000
= 1034200000 25
Block of 1 à 1 piece 1030600000 a.
1031200000 = 1034100000 20
Type Cat. No. Qty.
WAP WDL 2.5/S
1067700000 20
WHP WDL 2.5/S
1067980000 20
TSch 1
0319160000 100
Q 2
1071500000 50
Q 3
1071600000 50
Q 4
1071700000 50
Q 10
1071800000 20
Q 20
1074200000 20
SSch 10 x 3 Cu
0348900000 1 m
ZB 35 K
0502680000 50
WNT 10
1010980000 50
WNT 16 N
1019000000 50
WNT 70 N
9512210000 10
WEW 35 / 2
1061200000 50
DEK 6 see "Accessories"
WS 8/5
1640740000 720
WS 8/5
1773360000 300

32 A/4 mm ²
6/84.5/48.7
8 mm/M 2.5/3.5 x 0.6
IEC 60 947-7-1
400 V/24 A/2.5 mm ²
400 V/6 kV/3
0.4...0.6
1
0.5...4
1.5...4
0.5...4
0.25...2.5
0.25...2.5
0.13...4
24
300 V/15 A/22...12 AWG
300 V/10 A/26...12 AWG
Cat. No. Qty.
Block of 3; 1030600000
(N connection coded blue)
1030900000 50
Type Cat. No. Qty.
WAP WDL 2.5/S
1067700000 20
TSch 1
0319160000 100
Q 2
1071500000 50
Q 3
1071600000 50
Q 4
1071700000 50
Q 10
1071800000 20
Q 20
1074200000 20
WEW 35 / 2
1061200000 50
DEK 6 see "Accessories"
WS 8/5
1640740000 720
WS 8/5
1773360000 300

32 A/4 mm ²
6/84.5/48.7
8 mm/M 2.5/3.5 x 0.6
IEC 60 947-7-1
400 V/24 A/2.5 mm ²
400 V/6 kV/3
0.4...0.6
1
0.5...4
1.5...4
0.5...4
0.25...2.5
0.25...2.5
0.13...4
24
300 V/15 A/22...12 AWG
300 V/10 A/26...12 AWG
Cat. No. Qty.
Block of 3; 1030600000
(N connection coded blue)
1031300000 50
Type Cat. No. Qty.
WAP WDL 2.5/S
1067700000 20
TSch 1
0319160000 100
Q 2
1071500000 50
Q 3
1071600000 50
Q 4
1071700000 50
Q 10
1071800000 20
Q 20
1074200000 20
WEW 35 / 2
1061200000 50
DEK 6 see "Accessories"
WS 8/5
1640740000 720
WS 8/5
1773360000 300

32 A/4 mm ²
6/84.5/48.7
8 mm/M 2.5/3.5 x 0.6
IEC 60 947-7-1
400 V/24 A/2.5 mm ²
400 V/6 kV/3
0.4...0.6
1
0.5...4
1.5...4
0.5...4
0.25...2.5
0.25...2.5
0.13...4
24
300 V/15 A/22...12 AWG
300 V/10 A/26...12 AWG
Cat. No. Qty.
Block of 3; 1030600000
(N connection coded blue)
1030800000 50
Type Cat. No. Qty.
WAP WDL 2.5/S
1067700000 20
TSch 1
0319160000 100
Q 2
1071500000 50
Q 3
1071600000 50
Q 4
1071700000 50
Q 10
1071800000 20
Q 20
1074200000 20
WEW 35 / 2
1061200000 50
DEK 6 see "Accessories"
WS 8/5
1640740000 720
WS 8/5
1773360000 300

32 A/4 mm ²
6/84.5/48.7
8 mm/M 2.5/3.5 x 0.6
250V/400V/24 A/2.5 mm ²
250V/400 V/4 kV/3
0.4...0.6
1
0.5...4
1.5...4
0.5...4
0.25...2.5
0.25...2.5
0.13...4
24
300 V/15 A/22...12 AWG
300 V/10 A/26...12 AWG
Cat. No. Qty.
Block of 3; 1030600000
(N connection coded blue)
1030700000 50
Type Cat. No. Qty.
WAP WDL 2.5/S
1067700000 20
TSch 1
0319160000 100
Q 2
1071500000 50
Q 3
1071600000 50
Q 4
1071700000 50
Q 10
1071800000 20
Q 20
1074200000 20
WEW 35 / 2
1061200000 50
DEK 6 see "Accessories"
WS 8/5
1640740000 720
WS 8/5
1773360000 300

32 A/4 mm ²
6/84.5/48.7
8 mm/M 2.5/3.5 x 0.6
250V/400V/24 A/2.5 mm ²
250V/400 V/4 kV/3
0.4...0.6
1
0.5...4
1.5...4
0.5...4
0.25...2.5
0.25...2.5
0.13...4
24
300 V/15 A/22...12 AWG
300 V/10 A/26...12 AWG
Cat. No. Qty.
Block of 3; 1030600000
(N connection coded blue)
1031100000 50
Type Cat. No. Qty.
WAP WDL 2.5/S
1067700000 20
TSch 1
0319160000 100
Q 2
1071500000 50
Q 3
1071600000 50
Q 4
1071700000 50
Q 10
1071800000 20
Q 20
1074200000 20
WEW 35 / 2
1061200000 50
DEK 6 see "Accessories"
WS 8/5
1640740000 720
WS 8/5
1773360000 300

Distribution terminals with N cross-connection WQV

Installation specifications for heavy-current installations up to 1000 V (according to VDE 0100; IEC 364) require an insulation measurement test of the erected installation. Special regulations stipulate an insulation measurement of all outgoing conductors (L 1, L 2, L 3, N) without making any disconnections. These requirements are met by the three-way terminal WDL. Circuits can be connected on three levels across a width of only 6 mm in a clear and space-saving manner.

WDL 2.5...

N cross-connection with the cross-connection system WQV 4 from the W-series. The supply power of the busbar is fed directly via a clamping yoke (4/6 mm² = A 4) into the terminal up to 32 A.


WDL 2.5/L/L

Three-phase circuits can be realized by combining three-way terminals (L 1, NT, PE) with WDL 2.5/S/L/L two-way terminals (L 2, L 3).

Terminals/accessories

Max. technical data

Dimensions / approvals

Width/length/height (mm) with TS 35 x 7.5 
 Insulation stripping length/clamping screw/screwdriver blade

Rated data

Rated voltage/current/cross-section
 Rated voltage/impulse voltage/pollution severity

Further technical data

Tightening torque range Nm
 Torque setting with DMS 2 electric screwdriver

Clampable conductors

Solid H07V-U mm²
 Stranded H07V-R mm²
 Flexible H07V-K mm²
 Flexible H07V-K and ferrule acc. to DIN 46 228/1 mm²
 Flexible H07V-K and ferrules with plastic insul. collar mm²
 Max. clamping range in mm²/Gauge pin acc. to 60 947-7-1 Size
 Cont. current of cross-connect. Q multi-pole A
 Cont. current of cross-connect. WQV 4 multi-pole A

UL/CSA rated data

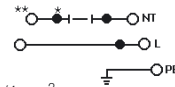
Voltage/current/conductor size UL
 Voltage/current/conductor size CSA

Ordering data

Version

for TS 35 / Dark beige Wemid

WDL 2.5/NT/L/PE



32 A/4 mm²



6/90/48.7

8 mm/M 2.5/3²/3.5 x 0.6

VDE 0611 Part 4

250V/400V/24 A/2.5/4² mm²

250V/400 V/4 kV/3

WDL 2.5/L/L



32 A/4 mm²



6/90/48.7

8 mm/M 2.5/3²/3.5 x 0.6

IEC 60 947-7-1

400 V/24 A/2.5/4² mm²

400 V/6 kV/3

0.5...0.6

1

0.5...4/6²

1.5...4/6²

0.5...4/6²

0.5...2.5²

0.5...2.5²

0.13...4

24

29 (central feed 40A)

300 V/15 A/22...12 AWG

300 V/10 A/26...12 AWG

 Cat. No. Qty.

1029800000 50

(NT connection

coded blue)

0.5...0.6

1

0.5...4/6²

1.5...4/6²

0.5...4/6²

0.5...2.5²

0.5...2.5²

0.13...4

24

31

300 V/15 A/22...12 AWG

300 V/10 A/26...12 AWG

 Cat. No. Qty.

1030300000 50

End plate



Type Cat. No. Qty.

WAP WDL 2.5

1067800000 20

Small partition



TSch 1 **0319160000** 100

Cross-connection (L, NT, N)



Q 2 **1071500000** 50

Q 3 **1071600000** 50

Q 4 **1071700000** 50

Q 10 **1071800000** 20

Q 20 **1074200000** 20

Cross-connection¹⁾ input (L, NT, N)



WQV 4/2 **1051960000** 50

WQV 4/3 **1054560000** 50

WQV 4/4 **1054660000** 50

WQV 4/10 **1052060000** 20

WQV 4/10 **1052060000** 20

Notching tool for WQV



WAW 1 **9004500000** 1

WAW 1 **9004500000** 1

End bracket



WEW 35 / 2 **1061200000** 50

WEW 35 / 2 **1061200000** 50

Marking tags



Print

DEK Standard

WS White neutral

WS indiv. printed

DEK 6 see "Accessories"

WS 8/5 **1640740000** 720

WS 8/5 **1773360000** 300

DEK 6 see "Accessories"

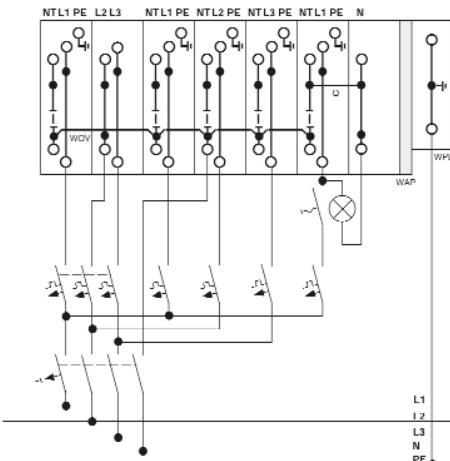
WS 8/5 **1640740000** 720

WS 8/5 **1773360000** 300

Mounting rails, end brackets, further marking materials see "Accessories"

¹⁾ Cross-connection WQV 4

²⁾ Values refer to top left clamping unit (A4)



Distribution terminals with N-Cross-connection WQV

WDL 2.5/N



32 A/4 mm²
 6/90/48.7
 8 mm/M 2.5/3²/3.5 x 0.6

IEC 60 947-7-1
 400 V/24 A/2.5/4² mm²
 400 V/6 kV/3

0.5...0.6
 1
 0.5...4/6²
 1.5...4/6²
 0.5...4/6²
 0.5...2.5²
 0.5...2.5²

24
 32

300 V/15 A/22...12 AWG
 300 V/10 A/26...12 AWG

Type	Cat. No.	Qty.
(N connection coded blue)	1030100000	50

Type	Cat. No.	Qty.
WAP WDL 2.5	1067800000	20

TSch 1	0319160000	100
--------	-------------------	-----

Q 2	1071500000	50
Q 3	1071600000	50
Q 4	1071700000	50
Q 10	1071800000	20
Q 20	1074200000	20

WQV 4/2	1051960000	50
WQV 4/3	1054560000	50
WQV 4/4	1054660000	50
WQV 4/10	1052060000	20
WAW 1	9004500000	1

WEW 35 / 2	1061200000	50
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DEK 6	see "Accessories"
WS 8/5	1640740000 720
WS 8/5	1773360000 300

WDL 2.5/L



32 A/4 mm²
 6/90/48.7
 8 mm/M 2.5/3²/3.5 x 0.6

IEC 60 947-7-1
 400 V/24 A/2.5/4² mm²
 400 V/6 kV/3

0.5...0.6
 1
 0.5...4/6²
 1.5...4/6²
 0.5...4/6²
 0.5...2.5²
 0.5...2.5²

24
 32

300 V/15 A/22...12 AWG
 300 V/10 A/26...12 AWG

Type	Cat. No.	Qty.
(N connection coded blue)	1030400000	50

Type	Cat. No.	Qty.
WAP WDL 2.5	1067800000	20

TSch 1	0319160000	100
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Q 2	1071500000	50
Q 3	1071600000	50
Q 4	1071700000	50
Q 10	1071800000	20
Q 20	1074200000	20

WQV 4/2	1051960000	50
WQV 4/3	1054560000	50
WQV 4/4	1054660000	50
WQV 4/10	1052060000	20
WAW 1	9004500000	1

WEW 35 / 2	1061200000	50
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DEK 6	see "Accessories"
WS 8/5	1640740000 720
WS 8/5	1773360000 300

WDL 2.5/N/L



32 A/4 mm²
 6/90/48.7
 8 mm/M 2.5/3²/3.5 x 0.6

IEC 60 947-7-1
 400 V/24 A/2.5/4² mm²
 400 V/6 kV/3

0.5...0.6
 1
 0.5...4/6²
 1.5...4/6²
 0.5...4/6²
 0.5...2.5²
 0.5...2.5²

24
 31

300 V/15 A/22...12 AWG
 300 V/10 A/26...12 AWG

Type	Cat. No.	Qty.
(N connection coded blue)	1030000000	50

Type	Cat. No.	Qty.
WAP WDL 2.5	1067800000	20

TSch 1	0319160000	100
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Q 2	1071500000	50
Q 3	1071600000	50
Q 4	1071700000	50
Q 10	1071800000	20
Q 20	1074200000	20

WQV 4/2	1051960000	50
WQV 4/3	1054560000	50
WQV 4/4	1054660000	50
WQV 4/10	1052060000	20
WAW 1	9004500000	1

WEW 35 / 2	1061200000	50
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DEK 6	see "Accessories"
WS 8/5	1640740000 720
WS 8/5	1773360000 300

WDL 2.5/N/L/PE



32 A/4 mm²
 6/90/48.7
 8 mm/M 2.5/3²/3.5 x 0.6

250V/400V/24 A/2.5/4² mm²
 250V/400 V/4 kV/3

0.5...0.6
 1
 0.5...4/6²
 1.5...4/6²
 0.5...4/6²
 0.5...2.5²
 0.5...2.5²

24
 31 (central feed 40A)

300 V/15 A/22...12 AWG
 300 V/10 A/26...12 AWG

Type	Cat. No.	Qty.
(N connection coded blue)	1029900000	50

Type	Cat. No.	Qty.
WAP WDL 2.5	1067800000	20

TSch 1	0319160000	100
--------	-------------------	-----

Q 2	1071500000	50
Q 3	1071600000	50
Q 4	1071700000	50
Q 10	1071800000	20
Q 20	1074200000	20

WQV 4/2	1051960000	50
WQV 4/3	1054560000	50
WQV 4/4	1054660000	50
WQV 4/10	1052060000	20
WAW 1	9004500000	1

WEW 35 / 2	1061200000	50
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DEK 6	see "Accessories"
WS 8/5	1640740000 720
WS 8/5	1773360000 300

WDL 2.5/L/L/PE



32 A/4 mm²
 6/90/48.7
 8 mm/M 2.5/3²/3.5 x 0.6

250V/400V/24 A/2.5/4² mm²
 250V/400 V/4 kV/3

0.5...0.6
 1
 0.5...4/6²
 1.5...4/6²
 0.5...4/6²
 0.5...2.5²
 0.5...2.5²

24
 31

300 V/15 A/22...12 AWG
 300 V/10 A/26...12 AWG

Type	Cat. No.	Qty.
(N connection coded blue)	1030200000	50

Type	Cat. No.	Qty.
WAP WDL 2.5	1067800000	20

TSch 1	0319160000	100
--------	-------------------	-----

Q 2	1071500000	50
Q 3	1071600000	50
Q 4	1071700000	50
Q 10	1071800000	20
Q 20	1074200000	20

WQV 4/2	1051960000	50
WQV 4/3	1054560000	50
WQV 4/4	1054660000	50
WQV 4/10	1052060000	20
WAW 1	9004500000	1

WEW 35 / 2	1061200000	50
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DEK 6	see "Accessories"
WS 8/5	1640740000 720
WS 8/5	1773360000 300

WDL 2.5TR-DU
WDL 2.5TR-DU-PE



31 A/4 mm² (...DU-PE 29 A)
 6/90/48.7
 8 mm/M 2.5/3²/3.5 x 0.6

250 V/24 A/2.5/4² mm²
 250 V/4 kV/3

0.5...0.6
 1
 0.5...4
 1.5...4
 0.5...4
 0.25...2.5
 0.25...2.5

20
 40

300 V/15 A/22...12 AWG
 300 V/10 A/26...12 AWG

Type	Cat. No.	Qty.
(N connection coded blue)	1029820000	50
(N connection coded blue)	1029810000	50
additional PE connection on bottom right side	1029810000	50

Type	Cat. No.	Qty.
WAP WDL 2.5	1067800000	20

TSch 1	0319160000	100
--------	-------------------	-----

Q 2	1071500000	50
Q 3	1071600000	50
Q 4	1071700000	50
Q 10	1071800000	20
Q 20	1074200000	20

WQV 4/2	1051960000	50
WQV 4/3	1054560000	50
WQV 4/4	1054660000	50
WQV 4/10	1052060000	20
WAW 1	9004500000	1

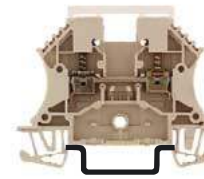
WEW 35 / 2	1061200000	50
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DEK 6	see "Accessories"
WS 8/5	1640740000 720
WS 8/5	1773360000 300

²) Values refer only to top left clamping unit.

Terminals for temperature measuring circuits

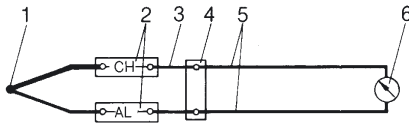
WDU 2.5/TC



Weidmüller thermocouple terminals are specially designed to transmit very small voltages in temperature measuring circuits. Special busbars ensure that no false signals are transmitted in the terminal when temperature differences between the positive and negative paths exist. This high measuring precision is required, for example, in aircraft engine performance test rigs, complicated chemical processes, controllers, etc.

- Busbar material corresponds to thermal and compensating conductors
- Clear thermocouple marking
- 2-pole blocks per thermocouple
- Stacking width 10 mm

Configuration of a temperature measuring circuit



- 1 Thermocouple (sensor)
- 2 Thermocouple terminals
- 3 Compensating conductor
- 4 Reference junction
- 5 Supply conductors (to and from)
- 6 Measuring instrument

The thermocouple terminals shown in this measuring circuit thermoelectrically transmit thermoelectric voltage from the thermocouple to the reference junction and the indicator unit via the compensating conductor. Thermocouple terminals are required for constructing a temperature circuit.

Technical data

Thermocouples acc. to IEC 584 (DIN 43 710)

Busbar	
	Cromel Alumel
	E-Copper Constantan
	Iron Konstantan
	E-Copper/ A-Copper
	S-Copper/ E-Copper
	Cromel- Constantan

Dimensions/approvals

Width/length/height (mm) with TS 35 x 7.5

Insulation stripping length/clamping screw/screwdriver blade

Rated data

Rated voltage/current/cross-section

Rated impulse voltage acc. to VDE 0110/1.89/pollution severity

Further technical data

Tightening torque range Nm

Torque setting with DMS 2 electric screwdriver

Clampable conductors

Solid H07V-U mm²

Stranded H07V-R mm²

Flexible H07V-K mm²

Flexible H07V-K and ferrule acc. to DIN 46 228/1 mm²

Flexible H07V-K and ferrules with plastic insul. collar mm²

Max. clamping range in mm²/Gauge pin acc. to IEC 60 947-7-1 Size

Cont. current of cross-connect. 2-pole A

Cont. current of cross-connect. multi-pole A

UL/CSA rated data

Voltage/current/conductor size UL

Voltage/current/conductor size CSA

Ordering data

	Version
For thermocouples	Type K NiCr – Ni
acc. to IEC 584	Type T Cu – CuNi
(DIN 43710)	Type J Fe – CuNi
	Type S u. R PT 10% – Pt Rh/PT 13% – Pt Rh
	Type B Pt 30% Rh – Pt 6% Rh
	Type E NiCr – CuNi
	Type N NiSiI – Nicrosil

End plate

Type	Cat. No.	Qty.
WAP (thickness 1.5 mm) Dark beige Wemid	1050000000	50

Partition

Type	Cat. No.	Qty.
WTW (thickness 1.5 mm) Dark beige Wemid	1050100000	20

Marking tags

DEK	WS	Print
		Standard
		indiv. printed

Width/length/height (mm)	Cat. No.	Qty.
10/60/50.5	1024100000	50
10 mm/M 2.5/3.5 x 0.6	1024200000	50
	1024300000	50
	1024400000	50
	1033700000	50
	1033300000	50
	1041500000	50

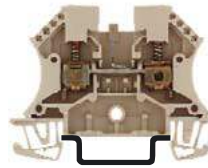
Type	Cat. No.	Qty.
WAP 2.5-10	1050000000	50
WTW 2.5-10	1050100000	20

DEK	WS	Print	Cat. No.	Qty.
DEK 5	WS white neutral	Standard	see "Accessories"	
WS 12/5	WS indiv. printed	Standard	1609860000	720
WS 12/5	WS indiv. printed	Standard	1773800000	300

Mounting rails, end brackets, further marking materials see "Accessories"

Feed-through terminals with WSA plug adapter

WDU 4 SA



Dimensions/approvals	
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	
Rated data	
Rated voltage/current/cross-section	
Rated impulse voltage acc. to VDE 0110/1.89/pollution severity	
Further technical data	
Tightening torque range	Nm
Torque setting with DMS 2 electric screwdriver	
Clampable conductors	
Solid H07V-U	mm ²
Stranded H07V-R	mm ²
Flexible H07V-K	mm ²
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm ²
Flexible H07V-K and ferrules with plastic insul. collar	mm ²
Max. clamping range in mm ² /Gauge pin acc. to IEC 60 947-7-1 Size	
Cont. current of cross-connect. 2-pole	A
Cont. current of cross-connect. multi-pole	A
UL/CSA rated data	
Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA
Ordering data	
	Dark beige Wemid
	Blue Wemid

End plate	
WAP (thickness 1.5 mm)	

Partition	
WTW (thickness 1.5 mm)	

Cross-connection	
Screening bar LS 2.8	

Plug adapter WSA 2	
380 V~/10 A/1.5 mm ²	Version with Crimp connections
	Version with screw connection TOPP system
	Green

Covers	
AH 2/3	0531660000 20
AH 2/4	0405360000 20
AH 2/5	0405560000 20

Crimp contact 0.5-1.5 mm ²	
	einzeln
C 1 E/L ⁵⁾	0198500000 200

Marking tags		Print	
DEK	Standard	DEK 6	see "Accessories"
WS	white neutral	WS 12/6	1609900000 600
WS	indiv. printed	WS 12/6	1609910000 120

Mounting rails, end brackets, further marking materials see "Accessories"

1) With hook 3) With dovetail 5) Crimping tool, type CZ 22E 0560400000
2) without Rasthaken 4) Without dovetail

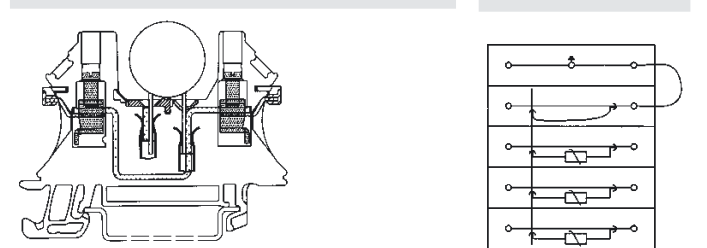
Feed-through terminals

for retrofitting electronic components

Dimensions/approvals	
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	
Rated data IEC 60 947-7-1	
Rated voltage/current/cross-section	
Rated impulse voltage acc. to VDE 0110/1.89 /pollution severity	
Further technical data	
Tightening torque range	Nm
Torque setting with DMS 2 electric screwdriver	
Clampable conductors	
Solid H07V-U	mm ²
Stranded H07V-R	mm ²
Flexible H07V-K	mm ²
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm ²
Flexible H07V-K and ferrules with plastic insul. collar	mm ²
Max. clamping range in mm ² / Gauge pin acc. to 60 947-1 Size	
Wire diameter of electronic components	mm
UL/CSA rated data	
Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA
Ordering data	
	Dark beige Wemid

Barrier	
Thickness 2.5 mm	
ZR	1071100000 20

Busbar	
SSch 7.3x1.2	1071200000 1 m



WPE 4 with filled varistor
Weidmüller varistor terminals have been designed for retrofitting electronic components, such as varistors, diodes, gas discharge tubes, etc.
These electronic terminals no longer have to be configured prior installation to subsequently be delivered with soldered components which can no longer be distinguished.

The significant advantages of this design are:

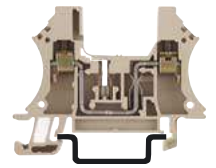
- Cost saving**
Components can be changed quickly on site.
Service is limited to visual inspection
- Clarity:**
Components are easy to distinguish.
- Flexibility:**
Components can immediately be adapted to changed conditions.

Note:
Never change electronic components in energized systems

Marking tags		Print	
DEK	Standard	DEK 6	see "Accessories"
WS	white neutral	WS 12/6	1609900000 600
WS	indiv. printed	WS 12/6	1609910000 120

When using the screening bar rated data is reducedata!

WPO 4



Dimensions/approvals	
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	
Rated data	
Rated voltage/current/cross-section	
Rated impulse voltage acc. to VDE 0110/1.89/pollution severity	
Further technical data	
Tightening torque range	Nm
Torque setting with DMS 2 electric screwdriver	
Clampable conductors	
Solid H07V-U	mm ²
Stranded H07V-R	mm ²
Flexible H07V-K	mm ²
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm ²
Flexible H07V-K and ferrules with plastic insul. collar	mm ²
Max. clamping range in mm ² / Gauge pin acc. to 60 947-1 Size	
Wire diameter of electronic components	mm
UL/CSA rated data	
Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA
Ordering data	
	Dark beige Wemid

Barrier	
Thickness 2.5 mm	
ZR	1071100000 20

Busbar	
SSch 7.3x1.2	1071200000 1 m

Overvoltage in a three-phase supply discharged to earth via WPE 4 with the aid of varistors and a gas discharge tube.

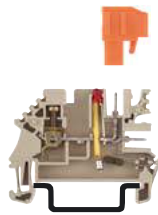
Terminals with plug-in connection for BLA/BLZ connectors



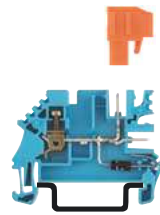
WDU 1.5/BLA



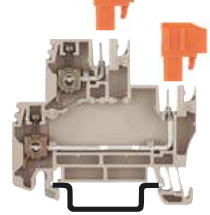
WDU 1.5/LD/BLA with red LED



WDU 1.5/R/BLA negative return conductor in blue



WDK 2.5/BLA R 5.08 250 V



Dimensions/approvals

Width/length/height (mm) with TS 35 x 7.5

Insulation stripping length/clamping screw/screwdriver blade

Rated data

Rated voltage/current/cross-section

Rated impulse voltage acc. to VDE 0110/1.89 /pollution severity

Further technical data

Tightening torque range Nm

Torque setting with DMS 2 electric screwdriver

Clampable conductors

Solid H07V-U mm²

Stranded H07V-R mm²

Flexible H07V-K mm²

Flexible H07V-K and ferrule acc. to DIN 46 228/1 mm²

Flexible H07V-K and ferrules with plastic insul. collar mm²

Max. clamping range in mm²/Gauge pin acc. to IEC 60 947-7-1 Size

Cont. current of cross-connect. 2-pole A

Cont. current of cross-connect. multi-pole A

UL/CSA rated data

Voltage/current/conductor size UL

Voltage/current/conductor size CSA

Ordering data

Type	Cat. No.	Qty.
Standard	1577260000	100
Blue		
With red LED		
With red LED		
With red LED		
With red LED		

5.08/45.4/57.5³⁾/45.0/55.5³⁾

10 mm/M 2.5/3.5 x 0.6

250 V/10 (2x8) A/1.5 mm²

4 kV/3

0.4...0.6

1

0.5...4/2.5

1.5...2.5/1.5

0.5...2.5/1.5

0.5...2.5/1.5

0.5...2.5¹⁾/1.5

0.13...4 A 3/A 1

32

32

300 V/20 (2x10) A/26...16 AWG

300 V/10 A/26...12 AWG

5.08/45.4/57.5³⁾/45.0/55.5³⁾

10 mm/M 2.5/3.5 x 0.6

- V/10 (2x8) A/1.5 mm²

0.4...0.6

1

0.5...4/2.5

1.5...2.5/1.5

0.5...2.5/1.5

0.5...2.5/1.5

0.5...2.5¹⁾/1.5

0.13...4 A 3/A 1

32

32

300 V/20 (2x10) A/26...16 AWG

12...110 V/10 A/26...12 AWG

Type	Cat. No.	Qty.
12 V-	1577270000	100
24 V-	1577280000	100

5.08/45.4/57.5³⁾/45.0/55.5³⁾

10 mm/M 2.5/3.5 x 0.6

- V/- A/1.5 mm²

0.4...0.6

1

0.5...4/2.5

1.5...2.5/1.5

0.5...2.5/1.5

0.5...2.5/1.5

0.5...2.5¹⁾/1.5

0.13...4 A 3/A 1

32

32

300 V/20 (2x10) A/26...16 AWG

-/-/26...12 AWG

Type	Cat. No.	Qty.
	1577310000	100

5.08/58/53/63.5³⁾

10 mm/M 2.5/3.5 x 0.6

250 V/17.5²⁾ A/2.5 mm²

4 kV/3

0.4...0.6

1

0.5...4/2.5

1.5...2.5/1.5

0.5...2.5/1.5

0.5...2.5/1.5

0.5...2.5¹⁾/1.5

0.13...4 A 3/A 1

-

-

300 V/20 (2x10) A/26...16 AWG

-/-/26...12 AWG

Type	Cat. No.	Qty.
	1038100000	100

Fixed-pole blocks on request

End plate/fixing bracket⁴⁾

WAP (thickness 2.5 mm)

WBB orange (thickness 5 mm)

Cross-connection



WQV 2.5/2 1053660000 50

WQV 2.5/3 1053760000 50

WQV 2.5/4 1053860000 50

WQV 2.5/10 1054460000 20

Notching tool for WQV

WAW 1 9004500000 1

Negative conductor busbar

0.5 x 4 x 120 mm

ML-SSch 1063200000 3

Cover for unassigned pins



Coding element

SLA-KO 1323560000 100

Socket strips

	No. poles		
BLA 2...24	4	BLA 4	1281960000 100
BLZ 2...24	6	BLA 6	1282160000 50
	8	BLA 8	1282360000 50
	4	BLA 4 B	1356260000 100
	6	BLA 6 B	1356460000 50
	8	BLA 8 B	1356660000 50

Marking tags



Print			
DEK Standard	DEK 5	see "Accessories"	
WS white neutral	WS 12/5	1609860000	720
WS indiv. printed	WS 12/5	1773380000	300

Mounting rails, end brackets, further marking materials see "Accessories"

¹⁾ Ferrules with optimum diameter with 5 mm pitch/pitch 5 mm: Cat. No. 1333100000

²⁾ 20 °C ambient temperature

³⁾ With BLA

⁴⁾ Set for screwing the connector to the terminal strip

Feed-through terminals

WDU 2.5 F



WDU 2.5 FF



WDK 2.5 F



WDK 2.5 FV



Max. technical data

Dimensions/approvals	
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	
Rated data	
Rated voltage/current/cross-section	
Rated cross-section of clamping yoke	
Rated cross-section of 2.8 mm push-on tab/solder connection	
Rated impulse voltage acc. to VDE 0110/1.89/pollution severity	

Further technical data	
Tightening torque range	Nm
Torque setting with DMS 2 electric screwdriver	
Clampable conductors	
Solid H07V-U	mm ²
Stranded H07V-R	mm ²
Flexible H07V-K	mm ²
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm ²
Flexible H07V-K and ferrules with plastic insul. collar	mm ²
Max. clamping range in mm ² /Gauge pin acc. to IEC 60 947-7-1 Size	
Cont. current of cross-connect. 2-pole	A
Cont. current of cross-connect. multi-pole	A

UL/CSA rated data	
Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA
Ordering data	
	Version
	Dark beige Wemid
	Dark beige Wemid
	Dark beige Wemid
	Dark beige Wemid
	Blue Wemid

End plate/partition	
	Wemid
	Blue Wemid
	Wemid
WAP (thickness 3 mm)	WTW (thickness 1.5 mm)/Wemid
WAP 2.5 (thickness 1.5 mm)	

Cross-connection	
	WQV
	LS 2.8 Screening bar
	Notching tool for WQV

Test adapter	
	WTA
	TA 1
	Strain relief

Test plugs/sockets/insulating sleeves	
	PS 2.3
	SIB 8.5 Insulating sleeves

Cover	
	ADP 2
	HP 2
	ADP 3
	HP 3

Group marking	
	WT 4
	T 5
	WGB
Tag carrier for S 10 markers	

Marking tags	
	DEK
	WS white neutral
	WS indiv. printed

Mounting rails, end brackets, further marking materials see "Accessories"

12 A/-	
5/60/47	
10 mm/M 2.5/3.5 x 0.6	
500 V m. IH/12 (2x6) A	
2.5 mm ²	
1 / - mm ²	
6 kV/3	
0.4...0.8	Nm
1	
0.5...4	mm ²
1.5...4	mm ²
0.5...4	mm ²
0.5...2.5	mm ²
0.5...2.5	mm ²
0.5...2.5	mm ²
0.13...4	A 3
12	A
12	A

UL/CSA rated data	
Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA
Ordering data	
	Version
	Dark beige Wemid
	Dark beige Wemid
	Dark beige Wemid
	Dark beige Wemid
	Blue Wemid

Type	Cat. No.	Qty.
WAP 2.5-10	1050000000	50
WAP 2.5-10	1050080000	50
WTW 2.5-10	1050100000	20
WTW 2.5-10	1050180000	20

WQV 2.5/2	1053660000	50
WQV 2.5/3	1053760000	50
WQV 2.5/4	1053860000	50
WQV 2.5/10	1054460000	20
WQB B/24	1579060000	20
LS 2.8	1056400000	50
WAW 1	9004500000	1

TA 1	0535860000	20
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IH 2.8	0386060000	100
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ADP 2	0485300000	20x1m
HP 2	0485660000	20
HP 2	0485660000	20

T 5	0348500000	100
SF 10	0332400000	1000
SG 10	0332500000	1000

DEK	see "Accessories"	
WS 12/5	1609860000	720
WS 12/5	1773380000	300

12 A/-	
5/60/47	
10 mm/-	
500 V m. IH/12 (2x6) A	
2.5 mm ²	
1 / - mm ²	
6 kV/3	
0.4...0.6	Nm
1	
0.5...4/1	mm ²
1.5...2.5	mm ²
0.5...2.5	mm ²
0.5...2.5	mm ²
0.5...2.5	mm ²
0.5...2.5	mm ²
0.13...4	A 3
12	A
12	A

UL/CSA rated data	
Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA
Ordering data	
	Version
	Dark beige Wemid
	Dark beige Wemid
	Dark beige Wemid
	Dark beige Wemid
	Blue Wemid

Type	Cat. No.	Qty.
WAP 2.5-10	1050000000	50
WAP 2.5-10	1050080000	50
WTW 2.5-10	1050100000	20
WTW 2.5-10	1050180000	20

WQV 2.5/2	1053660000	50
WQV 2.5/3	1053760000	50
WQV 2.5/4	1053860000	50
WQV 2.5/10	1054460000	20
WQB A/24	1579000000	20
LS 2.8	1056400000	50
WAW 1	9004500000	1

TA 1	0535860000	20
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IH 2.8	0386060000	100
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ADP 2	0485300000	20x1m
HP 2	0485660000	20
HP 3	0485760000	20

T 5	0348500000	100
SF 10	0332400000	1000
SG 10	0332500000	1000

DEK	see "Accessories"	
WS 12/5	1609860000	720
WS 12/5	1773380000	300

12 A/-	
5/69/63	
10 mm/M 2.5/3.5 x 0.6	
400 V m. IH/12 (2x6) A/2.5	
2.5 mm ²	
1 / - mm ²	
6 kV/3	
0.4...0.6	Nm
1	
0.5...4/1	mm ²
1.5...2.5	mm ²
0.5...2.5	mm ²
0.5...2.5	mm ²
0.5...2.5	mm ²
0.5...2.5	mm ²
0.13...4	A 3
32	A
32	A

UL/CSA rated data	
Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA
Ordering data	
	Version
	Dark beige Wemid
	Dark beige Wemid
	Dark beige Wemid
	Dark beige Wemid
	Blue Wemid

Type	Cat. No.	Qty.
WAP	1059100000	20
WAP	1059180000	20
WTW (Ex) e	1058800000	20

WQV 2.5/2	1053660000	50
WQV 2.5/3	1053760000	50
WQV 2.5/4	1053860000	50
WQV 2.5/10	1054460000	20
WQB A/24	1579000000	20
LS 2.8	1056400000	50
WAW 1	9004500000	1

TA 1	0535860000	20
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IH 2.8	0386060000	100
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ADP 3	0485400000	20x1m
HP 3	0485760000	20
HP 3	0485760000	20

T 5	0348500000	100
SF 10	0332400000	1000
SG 10	0332500000	1000

DEK 5	see "Accessories"	
WS 8/5	1640740000	720
WS 8/5	1773360000	300

12 A/-	
5/69/63	
10 mm/M 2.5/3.5 x 0.6	
400 V m. IH/12 (2x6) A/2.5	
2.5 mm ²	
1 / - mm ²	
6 kV/3	
0.4...0.6	Nm
1	
0.5...4/1	mm ²
1.5...2.5	mm ²
0.5...2.5	mm ²
0.5...2.5	mm ²
0.5...2.5	mm ²
0.5...2.5	mm ²
0.13...4	A 3
32	A
32	A

UL/CSA rated data	
Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA
Ordering data	
	Version
	Dark beige Wemid
	Dark beige Wemid
	Dark beige Wemid
	Dark beige Wemid
	Blue Wemid

Type	Cat. No.	Qty.
WAP	1059100000	20
WAP	1059180000	20
WTW (Ex) e	1058800000	20

WQV 2.5/2	1053660000	50
WQV 2.5/3	1053760000	50
WQV 2.5/4	1053860000	50
WQV 2.5/10	1054460000	20
WQB A/24	1579000000	20
LS 2.8	1056400000	50
WAW 1	9004500000	1

TA 1	0535860000	20
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IH 2.8	0386060000	100
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ADP 3	0485400000	20x1m
HP 3	0485760000	20
HP 3	0485760000	20

T 5	0348500000	100
SF 10	0332400000	1000
SG 10	0332500000	1000

DEK 5	see "Accessories"	
WS 8/5	1640740000	720
WS 8/5	1773360000	300

Feed-through terminals

WDK 2.5 FF



12 A/-
5/75/63

500 V m. IH/12 (2x6) A
1 / - mm²
6 kV/3

0.5...1

32
32

300 V/10 A/22...12 AWG
300 V/10 A/26...12 AWG

Type	Cat. No.	Qty.
	1021700000	100

Type	Cat. No.	Qty.
WAP	1059100000	20
WAP	1059180000	20
WTW (Ex) e	1058800000	20

WQV 2.5/2	1053660000	50
WQV 2.5/3	1053760000	50
WQV 2.5/4	1053860000	50
WQV 2.5/10	1054460000	20

LS 2.8	1056400000	50
WAW 1	9004500000	1

TA 1	0535860000	20
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IH 2.8	0386060000	100
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ADP 3	0485400000	20x1m
HP 3	0485760000	20

WT 4	1341060000	100
SF 10	0332400000	1000
SG 10	0332500000	1000

DEK 5	see "Accessories"	
WS 8/5	1640740000	720
WS 8/5	1773360000	300

WDK 2.5 FFV



12 A/-
5/75/63

500 V m. IH/12 (2x6) A
1 / - mm²
6 kV/3

0.5...1

32
32

300 V/10 A/22...12 AWG
300 V/10 A/26...12 AWG

Type	Cat. No.	Qty.
	1022500000	100

Type	Cat. No.	Qty.
WAP	1059100000	20
WTW (Ex) e	1058800000	20

WQV 2.5/2	1053660000	50
WQV 2.5/3	1053760000	50
WQV 2.5/4	1053860000	50
WQV 2.5/10	1054460000	20

LS 2.8	1056400000	50
WAW 1	9004500000	1

TA 1	0535860000	20
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IH 2.8	0386060000	100
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ADP 3	0485400000	20x1m
HP 3	0485760000	20

WT 4	1341060000	100
SF 10	0332400000	1000
SG 10	0332500000	1000

DEK 5	see "Accessories"	
WS 8/5	1640740000	720
WS 8/5	1773360000	300

WDK 2.5 T WDK 2.5 TT



10 A/-
5/69/63/78
10 mm/M 2.5/3.5 x 0.6

125 V/10 A
2.5 mm²
2.5 kV/3

0.4...0.6

1

0.5...4

1.5...4

0.5...2.5

0.5...2.5

0.5...2.5¹⁾

0.13...4 A 3

32

32

Type	Cat. No.	Qty.
ri, pin 0.8x1.6se	1023800000	100
ri, pin 0.8x2.4se	1023900000	100
ri, +le 0.8x2.4se	1577200000	100

Type	Cat. No.	Qty.
WAP 2.5-10	1059100000	50
WAP 2.5-10	1059180000	50
WTW 2.5-10	1050100000	20
WTW 2.5-10	1050180000	20

WQV 2.5/2	1053660000	50
WQV 2.5/3	1053760000	50
WQV 2.5/4	1053860000	50
WQV 2.5/10	1054460000	50

LS 2.8	1056400000	50
WAW 1	9004500000	1

TA 1	0535860000	20
WTA 5/1	1051260000	25

PS 2.3(ø 2.3)	0180400000	20
StB 8.5(ø 2.3)	0215700000	50

WT 4	1341060000	100
SF 10	0332400000	1000
SG 10	0332500000	1000

DEK 5	see "Accessories"	
WS 8/5	1640740000	720
WS 8/5	1773360000	300

WDU 2.5 T



10 A/-
5/60/47/70
10 mm/M 2.5/3.5 x 0.6

125 V/10 A/2.5 mm²
2.5 mm²
2.5 kV/3

0.4...0.8

1

0.5...4

1.5...4

0.5...4

0.5...2.5

0.5...2.5¹⁾

0.13...4 A 3

32

32

Type	Cat. No.	Qty.
le., pin 1x1	1022000000	100
re., pin 1x1	1022700000	100

Type	Cat. No.	Qty.
WAP 2.5-10	1050000000	50

WQV 2.5/2	1053660000	50
WQV 2.5/3	1053760000	50
WQV 2.5/4	1053860000	50
WQV 2.5/10	1054460000	50

LS 2.8	1056400000	50
WAW 1	9004500000	1

WTA 5/1	1051260000	25
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PS 2.3(ø 2.3)	0180400000	20
StB 8.5(ø 2.3)	0215700000	50

WT 4	1341060000	100
SF 10	0332400000	1000
SG 10	0332500000	1000

DEK 5	see "Accessories"	
WS 12/5	1609860000	720
WS 12/5	1773380000	300

WDU 2.5 L WDU 2.5 LL



15 A/-
5/60/64/47
10 mm/M 2.5/3.5 x 0.6

400 V/15 A/2.5
2.5 mm²
- / 1.5 mm²
6 kV/3

0.4...0.8

1

0.5...4/1.5

0.5/1.5...4/1.5

0.5...4/1.5

0.5...2.5

0.5...2.5¹⁾

0.13...4 A 3

15

15

Type	Cat. No.	Qty.
Screw-solder	1022100000	100
Solder-solder	1022200000	100

Type	Cat. No.	Qty.
WAP 2.5-10	1050000000	50
WAP 2.5-10	1050080000	50
WTW 2.5-10	1050100000	20
WTW 2.5-10	1050180000	20

WQV 2.5/2	1053660000	50
WQV 2.5/3	1053760000	50
WQV 2.5/4	1053860000	50
WQV 2.5/10	1054460000	50

LS 2.8	1056400000	50
WAW 1	9004500000	1

WTA 2	1632320000	50
WTA 2/ZA	1632330000	50
WTA 2/10	1632340000	5
ZE 1	1632150000	50

PS 2.3(ø 2.3)	0180400000	20
StB 8.5(ø 2.3)	0215700000	50

WAD 5	1053460000	50
WAD 5 white	1056060000	50

WGB 5	1050760000	50
T 5	0348500000	100
SF 10	0332400000	1000
SG 10	0332500000	1000

DEK 5	see "Accessories"	
WS 12/5	1609860000	720
WS 12/5	1773380000	300

WTR 2.5 L WTR 2.5 LL



10 A/-
5/60/64/47
10 mm/M 2.5/3.5 x 0.6

400 V/14 A
2.5 mm²
- / 1.5 mm²
6 kV/3

0.4...0.8

0.5...4/1.5

1.5...4/1.5

0.5...4/1.5

0.5...2.5

0.5...2.5¹⁾

0.13...4 A 3

26

26

Type	Cat. No.	Qty.
Screw-solder	1013800000	100
Solder-solder	1013900000	100

Type	Cat. No.	Qty.
WAP 2.5-10	1050000000	50
WAP 2.5-10	1050080000	50
WTW 2.5-10	1050100000	20
WTW 2.5-10	1050180000	20

QL 2	0215860000	100
QL 3	0215900000	100
QL 4	0216000000	50
QL 10	0338000000	20

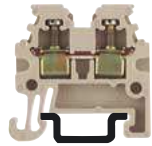
BS-M 2.5x4.5	1062700000	100
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DEK	see "Accessories"	
WS 12/5	1609860000	720
WS 12/5	1773380000	300

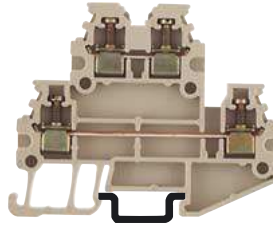
Feed-through terminals



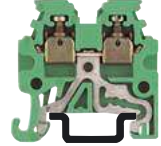
WDU 1.5/R 3.5



WDK 1.5/R 3.5



WPE 1.5/R 3.5



Dimensions/approvals

Width/length/height (mm) with TS 15 x 7.5

Insulation stripping length/clamping screw/screwdriver blade

VDE rated data 0611 Part 1 / IEC 60 947-7-1

Rated voltage/current/cross-section

Rated impulse voltage/pollution severity

Further technical data

Tightening torque range Nm

Clampable conductors

Solid H07V-U mm²

Stranded H07V-R mm²

Flexible H07V-K mm²

Flexible with ferrule acc. to DIN 46 228/1 mm²

Flexible with ferrule with plastic insul. collar mm²

Gauge pin acc. to IEC 60 947-7-1 Size

UL/CSA rated data

Voltage/current/conductor size UL

Voltage/current/conductor size CSA

Ordering data

Version

Dark beige Wemid

Blue Wemid

Green-yellow Wemid

End plates/partitions

WAP (thickness 1.5 mm) Dark beige Wemid

UL @ E

3.5/24.5/25

7 (-1) mm/M 2/0.4 x 2.5

400 V/17.5 A/1.5 mm²

4 kV/3

0.3...0.4

0.5...1.5

1.5

0.5...1.5

0.5...1.5

0.5

A 1

300 V/10 A/26...14 AWG

300 V/10 A/26...14 AWG

TS15 Cat. No. Qty.

WDU 1.5/R 3.5 **1753280000** 100

WDU 1.5/R 3.5 BL **1754170000** 100

Type Cat. No. Qty.

WAP WDU 1.5/R3.5 **1754190000** 20

UL @ E

3.5/46.5/38.5

7 (-1) mm/M 2/0.4 x 2.5

400 V/16 A/1.5 mm²

4 kV/3

0.3...0.4

0.5...1.5

1.5

0.5...1.5

0.5...1.5

0.5

A 1

300 V/10 A/26...14 AWG

300 V/10 A/26...14 AWG

TS15 Cat. No. Qty.

WDK 1.5/R 3.5 **1753290000** 100

WDK 1.5/R 3.5 BL **1754180000** 100

Type Cat. No. Qty.

WAP WDK 1.5/R3.5 **1754200000** 20

3.5/24.5/25

7 (-1) mm/M 2/0.4 x 2.5

- /- 1.5 mm²

4 kV/3

0.3...0.4

0.5...1.5

1.5

0.5...1.5

0.5...1.5

0.5

A 1

300 V/10 A/26...14 AWG

TS15 Cat. No. Qty.

WPE 1.5/R 3.5 **1798400000** 100

Cross-connections

ZQV

2-pole ZQV 1.5/R3.5/2 GE **1754210000** 60

3-pole ZQV 1.5/R3.5/3 GE **1754220000** 60

4-pole ZQV 1.5/R3.5/4 GE **1754230000** 60

5-pole ZQV 1.5/R3.5/5 GE **1754240000** 20

6-pole ZQV 1.5/R3.5/6 GE **1754250000** 20

7-pole ZQV 1.5/R3.5/7 GE **1754260000** 20

8-pole ZQV 1.5/R3.5/8 GE **1754270000** 20

9-pole ZQV 1.5/R3.5/9 GE **1754280000** 20

10-pole ZQV 1.5/R3.5/10 GE **1754290000** 20

30-pole ZQV 1.5/R3.5/30 GE **1754300000** 10

2-pole ZQV 1.5/R3.5/2 GE **1754210000** 60

3-pole ZQV 1.5/R3.5/3 GE **1754220000** 60

4-pole ZQV 1.5/R3.5/4 GE **1754230000** 60

5-pole ZQV 1.5/R3.5/5 GE **1754240000** 20

6-pole ZQV 1.5/R3.5/6 GE **1754250000** 20

7-pole ZQV 1.5/R3.5/7 GE **1754260000** 20

8-pole ZQV 1.5/R3.5/8 GE **1754270000** 20

9-pole ZQV 1.5/R3.5/9 GE **1754280000** 20

10-pole ZQV 1.5/R3.5/10 GE **1754290000** 20

30-pole ZQV 1.5/R3.5/30 GE **1754300000** 10

Screwdriver



SDI 0.4 x 2.5 **9008370000** 1

SDI 0.4 x 2.5 **9008370000** 1

SDI 0.4 x 2.5 **9008370000** 1

Marking tags

Print

Consecutive vertical

DEK 5/3.5 FS 1-10 **1762320001** 500

DEK 5/3.5 FS 11-20 **1762320011** 500

DEK 5/3.5 FS 21-30 **1762320021** 500

DEK 5/3.5 FS 31-40 **1762320031** 500

DEK 5/3.5 FS 41-50 **1762320041** 500

DEK 5/3.5 FS 51-60 **1762320051** 500

DEK 5/3.5 FS 61-70 **1762320061** 500

DEK 5/3.5 FS 71-80 **1762320071** 500

DEK 5/3.5 FS 81-90 **1762320081** 500

DEK 5/3.5 FS 91-100 **1762320091** 500

Consecutive horizontal

DEK 5/3.5 MC neutral **1755270000** 500

DEK 5/3.5 MC GW 1 **1755280001** 500

DEK 5/3.5 MC GW 2 **1755280002** 500

DEK 5/3.5 MC GW 3 **1755280003** 500

DEK 5/3.5 MC GW 4 **1755280004** 500

DEK 5/3.5 MC GW 5 **1755280005** 500

DEK 5/3.5 MC GW 6 **1755280006** 500

DEK 5/3.5 MC GW 7 **1755280007** 500

DEK 5/3.5 MC GW 8 **1755280008** 500

DEK 5/3.5 MC GW 9 **1755280009** 500

DEK 5/3.5 MC GW 0 **1755281000** 500

DEK 5/3.5 FS 1-10 **1762320001** 500

DEK 5/3.5 FS 11-20 **1762320011** 500

DEK 5/3.5 FS 21-30 **1762320021** 500

DEK 5/3.5 FS 31-40 **1762320031** 500

DEK 5/3.5 FS 41-50 **1762320041** 500

DEK 5/3.5 FS 51-60 **1762320051** 500

DEK 5/3.5 FS 61-70 **1762320061** 500

DEK 5/3.5 FS 71-80 **1762320071** 500

DEK 5/3.5 FS 81-90 **1762320081** 500

DEK 5/3.5 FS 91-100 **1762320091** 500

DEK 5/3.5 MC neutral **1755270000** 500

DEK 5/3.5 MC GW 1 **1755280001** 500

DEK 5/3.5 MC GW 2 **1755280002** 500

DEK 5/3.5 MC GW 3 **1755280003** 500

DEK 5/3.5 MC GW 4 **1755280004** 500

DEK 5/3.5 MC GW 5 **1755280005** 500

DEK 5/3.5 MC GW 6 **1755280006** 500

DEK 5/3.5 MC GW 7 **1755280007** 500

DEK 5/3.5 MC GW 8 **1755280008** 500

DEK 5/3.5 MC GW 9 **1755280009** 500

DEK 5/3.5 MC GW 0 **1755281000** 500

DEK 5/3.5 FS 1-10 **1762320001** 500

DEK 5/3.5 FS 11-20 **1762320011** 500

DEK 5/3.5 FS 21-30 **1762320021** 500

DEK 5/3.5 FS 31-40 **1762320031** 500

DEK 5/3.5 FS 41-50 **1762320041** 500

DEK 5/3.5 FS 51-60 **1762320051** 500

DEK 5/3.5 FS 61-70 **1762320061** 500

DEK 5/3.5 FS 71-80 **1762320071** 500

DEK 5/3.5 FS 81-90 **1762320081** 500

DEK 5/3.5 FS 91-100 **1762320091** 500

DEK 5/3.5 MC neutral **1755270000** 500

DEK 5/3.5 MC GW 1 **1755280001** 500

DEK 5/3.5 MC GW 2 **1755280002** 500

DEK 5/3.5 MC GW 3 **1755280003** 500

DEK 5/3.5 MC GW 4 **1755280004** 500

DEK 5/3.5 MC GW 5 **1755280005** 500

DEK 5/3.5 MC GW 6 **1755280006** 500

DEK 5/3.5 MC GW 7 **1755280007** 500

DEK 5/3.5 MC GW 8 **1755280008** 500

DEK 5/3.5 MC GW 9 **1755280009** 500

DEK 5/3.5 MC GW 0 **1755281000** 500

Mounting rails, end brackets, further marking materials see "Accessories"

Feed-through terminals with push-on tab

AST 1

AST 4

AST 5

SAK 4 S/35 SAK 4 SS/35



Dimensions/approvals

Width/length/height (mm) with TS 35 x 7.5 with TS 35 x 7.5

Insulation stripping length/clamping screw/screwdriver blade

Rated data

Rated voltage/current/cross-section 500 V¹/ - /2.5

Rated cross-section of clamping yoke 2.5 / 1 mm²

Rated cross-section of push-on tab 6.3/2.8 mm

Rated impulse voltage acc. to VDE 0110/1.89/pollution severity 6 kV/3

Further technical data

Tightening torque range Nm

Torque setting with DMS 2 electric screwdriver

Clampable conductors

Solid H07V-U mm²

Stranded H07V-R mm²

Flexible H07V-K mm²

Flexible H07V-K and ferrule acc. to DIN 46 228/1 mm²

Gauge pin acc. to 60 947-7-1 Size

Cont. current of cross-connect. 2-pole A

UL/CSA rated data

Voltage/current/conductor size UL

Voltage/current/conductor size CSA

Ordering data

Version
Slotted dark beige Wemid
Unslotted dark beige Wemid

Type	Cat. No.	Qty.
AP (1.5)	0699600000	50
TSch 1	0664800000	50

Type	Cat. No.	Qty.
AP (1.5)	0460400000	100
TSch 1	0319160000	100

Type	Cat. No.	Qty.
AP (1.5)	0664900000	50
TSch 1	0699700000	50

Type	Cat. No.	Qty.
SAK 4 S	0630300000	100
SAK 4 SS	0630400000	100

End plate/partition/small partition (thickness mm)

Dark beige Wemid
beige PA



AP TSch

Type	Cat. No.	Qty.
AP (1.5)	0266400000	20
TSch 1	0319160000	100

Cross-connection



Q 3 QL
BS

2-pole Q 2

3-pole Q 3

4-pole Q 4

10-pole Q 10

Q 2	0336700000	50
Q 3	0336800000	50
Q 4	0336900000	50
Q 10	0368800000	20

Q 2	0336700000	50
Q 3	0336800000	50
Q 4	0336900000	50
Q 10	0368800000	20

Q 2	0336700000	50
Q 3	0336800000	50
Q 4	0336900000	50
Q 10	0368800000	20

QL 2	0130600000	100
QL 3	0130700000	100
QL 4	0130800000	50
QL 10	0338200000	20

BS M 3 x 4.5 **1593210000** 100

Plug adapter



Only clips onto PA vers. of AST3 and AST4

2-pole

3-pole

4-pole

5-pole

8-pole

STA 2.5/2	0165860000	100
STA 2.5/3	0165960000	50
STA 2.5/4	0190360000	50
STA 2.5/5	0166060000	50
STA 2.5/8	0166160000	50

Test plug/socket

Plug test socket without using QL for TS 32



PS StB

StB 14	0168600000	50
PS 2.3	0180400000	20

StB 14	0168600000	50
PS 2.3	0180400000	20

StB 14	0168600000	50
PS 2.3	0180400000	20

Insulating sleeves



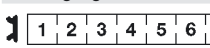
IH 2.8	0386060000	100
IH 6.3	0386260000	100

IH 2.8	0386060000	100
IH 6.3	0386260000	100

IH 2.8	0386060000	100
IH 6.3	0386260000	100

IH 2.8	0386060000	100
IH 6.3	0386260000	100

Marking tags



Print

FW/FS/...

DEK 6.5	see "Accessories"
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DEK 6	see "Accessories"
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DEK 6.5	see "Accessories"
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DEK 6.5	see "Accessories"
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Mounting rails, end brackets, further marking materials see "Accessories"

¹) with Insulating sleeves

²) Touch-safe with prof. material for cover ADP4

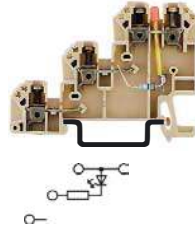
Feed-through terminals for initiators and actuators

DLI 2.5 DB



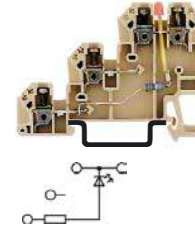
6/65/49	7 mm/M 2.5/3.5 x 0.6
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DLI 2.5 LD DB PNP



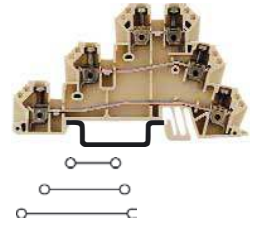
6/65/49	7 mm/M 2.5/3.5 x 0.6
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DLI 2.5 LD DB NPN



6/65/49	7 mm/M 2.5/3.5 x 0.6
---------	----------------------

DLD 2.5 DB²⁾



6/82/49	7 mm/M 2.5/3.5 x 0.6
---------	----------------------

Dimensions/approvals

Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	

Rated data IEC 60 947-1

Rated voltage/current/cross-section	250 V/20 A/2.5 mm ²
Rated impulse voltage/pollution severity	4 kV/3

Further technical data

Tightening torque range	Nm	0.4...0.6
Torque setting with DMS 2 electric screwdriver		1

Clampable conductors

Solid H07V-U	mm ²	0.5...4
Stranded H07V-R	mm ²	1.5...4
Flexible H07V-K	mm ²	0.5...4
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm ²	0.25...2.5
Gauge pin acc. to IEC 60 947-1	Size	A 3
Continuous current of terminal for conductor size		20 A/2.5 mm ²
Cont. current of cross-connect.	2...5-pole	A
Cont. current of cross-connect.	6...10-pole	A

UL/CSA rated data

Voltage/current/conductor size	UL	300 V/10 A/26...12 AWG
Voltage/current/conductor size	CSA	300 V/10 A/26...12 AWG

Ordering data

Standard Wemid	Cat. No.	Qty.
With diode 1N4007 Wemid	1783820000	100
With red LED (5...30 V) Wemid	1783980000	100
With green LED (5...30 V) Wemid	1783970000	100
with LED and diode 1N4007 Wemid		
with LED and diode 1N4007 Wemid		
Block of 10 ¹⁾ Wemid	(w/o dekafix) 1783850000	10
Block of 10 ¹⁾ Wemid	(w. dekafix) 1783830000	10
Fuse inserts Wemid		

End plate/small partition

AP-DLI	AP-DLD	Part-AP	TSch 1
Type	Cat. No.	Qty.	Type
AP	1783550000	20	AP
TSch 1	0319160000	100	TSch 1



Test plug/socket

StB 8.5 ²⁾ (ø 2.3)	Cat. No.	Qty.
PS	0215700000	50
PS 2.3	0180400000	20

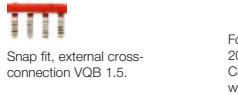
Cross-connection

Q 2	1312500000	50
Q 3	1312600000	50
Q 4	1312700000	50
Q 10	1313100000	20
Q 20	1399800000	20



VQB

QL 2	0297200000	100
VH 4.2	1345800000	100
VQB1.5/50BL	1633280000	5
VQB1.5/50RT	1633290000	5
VQB1.5/50SW	1635120000	5



For cross-connections for more than 20 terminals, replace VH with VH 4.2
Cat. No. **1345800000**
without internal thread

Group marking

WT 4	1341060000	100
SF 10	0332400000	1000
SG 10	0332500000	1000

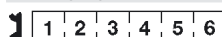
Cover

ADP	0485400000	20
HP 4	0485860000	20



Marking tags

DEK 6	see "Accessories"
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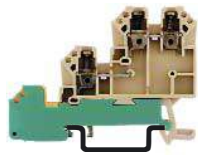


Mounting rails, end brackets, further marking materials see "Accessories"

¹⁾ DLI 2.5/35/10 = Block of 10 with built-in cross-connections
²⁾ StB 8.5 only in upper busbar

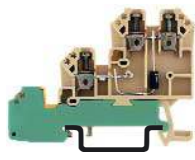
Feed-through terminals for initiators and actuators

DLA 2.5 DB



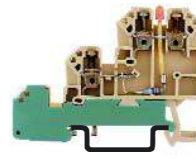
6/65/49
7 mm/M 2.5/3.5 x 0.6
250 V ¹⁾ /17.5 A/2.5 mm ²
4 kV/3
0.4...0.6
1
0.5...4
1.5...4
0.5...4
0.25...2.5
A 3
20 A/2.5 mm ²
(Q 2...20) 20

DLA 2.5/D DB



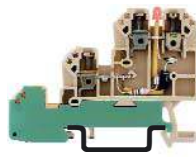
6/65/49
7 mm/M 2.5/3.5 x 0.6
250 V ¹⁾ /17.5 A/2.5 mm ²
4 kV/3
0.4...0.6
1
0.5...4
1.5...4
0.5...4
0.25...2.5
A 3
20 A/2.5 mm ²
(Q 2...20) 20

DLA 2.5/LD DB



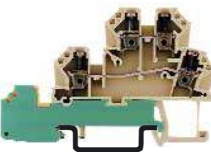
6/65/49
7 mm/M 2.5/3.5 x 0.6
5-30 V/17.5 A/2.5 mm ²
0.8 kV/3
0.4...0.6
1
0.5...4
1.5...4
0.5...4
0.25...2.5
A 3
20 A/2.5 mm ²
(Q 2...20) 20

DLA 2.5/LD/D DB



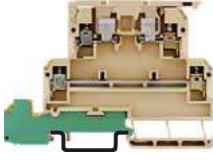
6/65/49
7 mm/M 2.5/3.5 x 0.6
5-30 V/17.5 A/2.5 mm ²
0.8 kV/3
0.4...0.6
1
0.5...4
1.5...4
0.5...4
0.25...2.5
A 3
20 A/2.5 mm ²
(Q 2...20) 20

DLD 2.5/PE DB



6/74.5/49
7 mm/M 2.5/3.5 x 0.6
250 V ¹⁾ /17.5 A/2.5 mm ²
4 kV/3
0.4...0.6
1
0.5...4
1.5...4
0.5...4
0.25...2.5
A 3
20 A/2.5 mm ²
(Q 2...20) 20

KDKS1/PE



8/91/65
8 mm/M 3/M 2.5 ³⁾ /3.5 x 0.6
500 V/6.3 A/4 mm ²
6 kV/3
0.5...1/0.4...0.7 ³⁾
2/1 ³⁾
0.5...4
1.5...4
0.5...4
0.25...2.5
A 4 / A 3 ³⁾

300 V/10 A/26...12 AWG
300 V/10 A/26...12 AWG
Cat. No. Qty.
1783560000 100
(no dekafix) 1783570000 10
(w. dekafix) 1783580000 10

300 V/10 A/26...12 AWG
300 V/10 A/26...12 AWG
Cat. No. Qty.
1783590000 100

300 V/10 A/26...12 AWG
5-30 V/10 A/26...12 AWG
Cat. No. Qty.
1783600000 100
1783610000 100

300 V/10 A/26...12 AWG
5-30 V/10 A/26...12 AWG
Cat. No. Qty.
(red LED) 1783620000 100
(green LED) 1783630000 100

300 V/10 A/26...12 AWG
300 V/10 A/26...12 AWG
Cat. No. Qty.
1783790000 100

-/2...12 AWG
Cat. No. Qty.
9532450000 50
cannot be combined with DLI / DLA

Type Cat. No. Qty.
AP 1783550000 20
TSch 1 0319160000 100
StB8.5 ²⁾ (ø2.3) 0215700000 50
PS 2.3 0180400000 20

Type Cat. No. Qty.
AP 1783550000 20
TSch 1 0319160000 100

Type Cat. No. Qty.
AP 1783550000 20
TSch 1 0319160000 100

Type Cat. No. Qty.
AP 1783550000 20
TSch 1 0319160000 100

Type Cat. No. Qty.
AP 1783800000 20
AP (part-AP) 1783810000
TSch 1 0319160000 100
StB8.5 ²⁾ (ø2.3) 0215700000 50
PS 2.3 0180400000 20

5 x 20 without indicator
Type Cat. No. Qty.
AP 9503330000 50
AP Wemid 9532470000 50

Q 2 1312500000 50
Q 3 1312600000 50
Q 4 1312700000 50
Q 10 1313100000 20
Q 20 1399800000 20

Q 2 1312500000 50
Q 3 1312600000 50
Q 4 1312700000 50
Q 10 1313100000 20
Q 20 1399800000 20

Q 2 1312500000 50
Q 3 1312600000 50
Q 4 1312700000 50
Q 10 1313100000 20
Q 20 1399800000 20

Q 2 1312500000 50
Q 3 1312600000 50
Q 4 1312700000 50
Q 10 1313100000 20
Q 20 1399800000 20

Q 2 1312500000 50
Q 3 1312600000 50
Q 4 1312700000 50
Q 10 1313100000 20
Q 20 1399800000 20

QB 2 0461100000 50
QB 3 0461200000 50
QB 4 0461300000 50

QL 2 0297200000 100
VH 4.2 1345800000 100
VQB1.5/50 BL 1633280000 5
VQB1.5/50 RT 1633290000 5
VQB1.5/50 SW 1635120000 5

QL 2 0297200000 100
VH 4.2 1345800000 100
VQB1.5/50 BL 1633280000 5
VQB1.5/50 RT 1633290000 5
VQB1.5/50 SW 1635120000 5

QL 2 0297200000 100
VH 4.2 1345800000 100
VQB1.5/50 BL 1633280000 5
VQB1.5/50 RT 1633290000 5
VQB1.5/50 SW 1635120000 5

QL 2 0297200000 100
VH 4.2 1345800000 100
VQB1.5/50 BL 1633280000 5
VQB1.5/50 RT 1633290000 5
VQB1.5/50 SW 1635120000 5

QL 2 0297200000 100
VH 4.2 1345800000 100
VQB1.5/50 BL 1633280000 5
VQB1.5/50 RT 1633290000 5
VQB1.5/50 SW 1635120000 5

WT 4 1341060000 100
SF 10 0332400000 1000
SG 10 0332500000 1000
ADP 0485400000 20
HP 4 0485860000 20

WT 4 1341060000 100
SF 10 0332400000 1000
SG 10 0332500000 1000
ADP 0485400000 20
HP 4 0485860000 20

WT 4 1341060000 100
SF 10 0332400000 1000
SG 10 0332500000 1000
ADP 0485400000 20
HP 4 0485860000 20

WT 4 1341060000 100
SF 10 0332400000 1000
SG 10 0332500000 1000
ADP 0485400000 20
HP 4 0485860000 20

WT 4 1341060000 100
SF 10 0332400000 1000
SG 10 0332500000 1000
ADP 0485400000 20
HP 4 0485860000 20

DEK 6 see "Accessories"

DEK 6 see "Accessories"

DEK 6 see "Accessories"

DEK 6 see "Accessories"

DEK 6 see "Accessories"

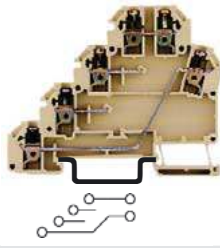
DEK 8 see "Accessories"

¹⁾ If the cross-connection runs via the PE connection of the DLA or if a pole is generally skipped, nominal voltage is reduced to 30 V-
²⁾ StB 8.5 only in upper busbar

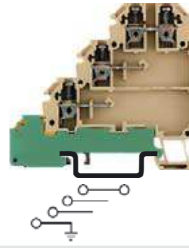
³⁾ Upper busbar

Feed-through terminals for initiators and actuators

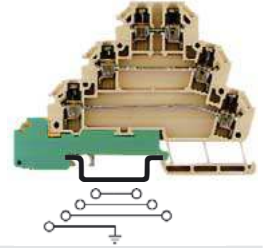
VLI 1.5



VLI 1.5PE



MAK 2.5



Dimensions/approvals

Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	8 mm/M 2.5/3.5 x 0.6

Rated data IEC 60 947-7-1

Rated voltage/current/cross-section

Rated impulse voltage/pollution severity

Further technical data

Tightening torque range	Nm	0.4...0.6 ⁴⁾
Torque setting with DMS 2 electric screwdriver		1

Clampable conductors

Solid H07V-U	mm ²	0.5...4.0
Stranded H07V-R	mm ²	0.5...2.5
Flexible H07V-K	mm ²	0.5...2.5
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm ²	0.5...2.5
Flexible H07V-K and ferrules with plastic insul. collar	mm ²	0.5...2.5
Gauge pin acc. to IEC 60 947-7-1	Size	A3
Continuous current of terminal for conductor size		24 A/2.5 mm ²
Cont. current of cross-connect. , multi-pole	A	24

UL/CSA rated data

Voltage/current/conductor size	UL	300 V/10 A/26...12 AWG
Voltage/current/conductor size	CSA	300 V/10 A/26...12 AWG

Ordering data

Version	Wemid
---------	-------



6/79/64
8 mm/M 2.5/3.5 x 0.6



6/69/63
8 mm/M 2.5/3.5 x 0.6



6/88/64
8 mm/M 2.5/3.5 x 0.6

End plate/partition

End plate	Type	Cat. No.	Qty.
Partial end plate for VLI1.5 – MAK2.5 combination	AP VLI1.5	1784150000	20
Partial end plate for VLI1.5 – VLI1.5PE combination	TEAP2 MAK2.5	1782950000	20
Partial end plate for VLI1.5PE – MAK2.5 combination	TEAP VLI1.5	1784170000	20

Cross-connection

VQB 50-pole, snap-fit, external cross-connection	VQB1.5/50BL ¹⁾	1633280000	5
	VQB1.5/50RT ¹⁾	1633290000	5
	VQB1.5/50SW ¹⁾	1635120000	5

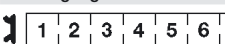


QB 25-pole external cross-connection

Group marking

Tag carrier	T 5	0348500000	100
for S 10 markers	SF 10	0332400000	1000
	SG 10	0332500000	1000

Marking tags



Print FW/FS/...

DEK 5	see "Accessories"
-------	-------------------

Type	Cat. No.	Qty.
AP VLI1.5/PE	1784160000	20
TEAP VLI1.5	1784170000	20
TEAP 1 MAK2.5	1782940000	20

VQB1.5/50BL ¹⁾	1633280000	5
VQB1.5/50RT ¹⁾	1633290000	5
VQB1.5/50SW ¹⁾	1635120000	5

T 5	0348500000	100
SF 10	0332400000	1000
SG 10	0332500000	1000

DEK 5	see "Accessories"
-------	-------------------

Type	Cat. No.	Qty.
AP MAK2.5	7917000000	20
TEAP2 MAK2.5	1782950000	20
TEAP 1 MAK2.5	1782940000	20

VQB1.5/50BL ¹⁾	1633280000	5
VQB1.5/50RT ¹⁾	1633290000	5
VQB1.5/50SW ¹⁾	1635120000	5
QB 25 SW ¹⁾	0520000000	20
QB 25 RT ¹⁾	0520060000	20
QB 25 BL ¹⁾	0520080000	20

T 5	0348500000	100
SF 10	0332400000	1000
SG 10	0332500000	1000

DEK 5	see "Accessories"
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Mounting rails, end brackets, further marking materials see "Accessories"

¹⁾ When using cross-connection bridges, the connection cross-section is reduced by one level.

Feed-through terminals

WMA 4/4 WMA 4/5



WDK 2.5 D WDK 2.5 D GET.SCH.

Terminals for incorporating electronic components



WDU 240



Max. technical data

Dimensions / approvals

Width/length/height (mm) with TS 35 x 7.5

Insulation stripping length/clamping screw/screwdriver blade

VDE rated data 0611 Part 1/8.92/IEC 60 947-7-1

Rated voltage/current/cross-section

Rated impulse voltage/pollution severity

Further technical data

Tightening torque range Nm

Torque setting with DMS 2 electric screwdriver

Clampable conductors

Solid H07V-U mm²

Stranded H07V-R mm²

Flexible H07V-K mm²

Flexible H07V-K and ferrule acc. to DIN 46 228/1 mm²

Flexible H07V-K and ferrules with plastic insul. collar mm²

Max. clamping range in mm²/Gauge pin acc. to IEC 60 947-7-1 Size

Cont. current of cross-connect. WQV/ZQV 2-5-pole A

Cont. current of cross-connect. WQV/ZQV 6-10-pole A

UL/CSA rated data

Voltage/current/conductor size UL

Voltage/current/conductor size CSA

Ordering data

Version

Motor connection block (L1, L2, L3, PE) Wemid

Motor connection block (L1, L2, L3, N, PE) Wemid

Dark beige Wemid

Blue Wemid

End plate/partition

Dark beige Wemid

Blue Wemid

Dark beige Wemid

Blue Wemid

Frame (5 mm)

Cross-connection

2-pole

3-pole

4-pole

5...9-pole

10-pole

41-pole

Cross-connection comb

Screening bar

Notching tool

Test adapter / strain relief / compensating terminals

WTA

Strain relief

Compensating terminal

Test plug/socket/hexagon wrench

PS 2.3 Test plug (ø2.3 mm)

StB 8.5 Test socket screw 8.5 (ø2.3)

SK wrench

Covers

With symbol

White

WAD for self-labelling/white

Group marking

WGB

T5

Tag carrier for S 10 markers

Marking tags

DEK Standard

WS white neutral

WS indiv. printed

Mounting rails, end brackets, further marking materials see "Accessories"

1) Ferrules with optimum diam. for terminals with 5 mm pitch: Cat. No. 1333100000

2) Screws with hexagonal socket

41 A/6 mm²

24.5(30.6)/60/47

10 mm/M 3/3.5 x 0.6

800 V/32 A/4 mm²

8 kV/3

0.5...1.0

2

0.5...6

1.5...6

0.5...6

0.5...4

0.5...4

0.13...6 A 4

41/32

41/32

300 V/20 A/22...12 AWG

Type Cat. No. Qty.

WMA 4/4 1034000000 20

WMA 4/5 1033800000 20

-/2.5 mm²

5/69/63

10 mm/M 2.5/3.5 x 0.6

-/-/2.5 mm²

0.4...0.6

1

0.5...4

1.5...4

0.5...2.5

0.5...2.5

0.5...2.5¹⁾

0.13...4 A 3

300 V/20 A/22...12 AWG

Type Cat. No. Qty.

1023200000 100

1023100000 100

1059100000 20

1059180000 20

1058800000 20

1074000000 20

1053660000 50

1053760000 50

1053860000 50

see p. 262

1054460000 20

1579000000 20

1056400000 50

9004500000 1

0535860000 20

1802810000⁴⁾ 1

0235000000 1

0485400000 20

0485760000 20

1072000000 50

1341060000 100

0332400000 1000

0332500000 1000

see "Accessories"

see "Accessories"

1640740000 720

1773360000 300

415 A/2.5 mm²

36/100/131.5

40 mm/M 10²/-

1000 V/415 A/240 mm²

8 kV / 3

25...30

-

70...240

70...240

70...240

70...185

70...185

B 15 / A 15

382

382

600 V/380 A/500 MCM

600 V/400 A/1/0 AWG-500 MCM

Type Cat. No. Qty.

1802780000 2

1802780000 20

1802800000 20

1802810000⁴⁾ 1

0235000000 1

0485400000 20

0485760000 20

1072000000 50

1341060000 100

0332400000 1000

0332500000 1000

see "Accessories"

see "Accessories"

1640740000 720

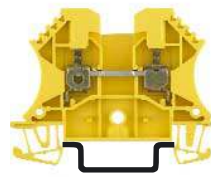
1773360000 300

³⁾ When using the screening bar, rated voltage is reduced to 400 V!

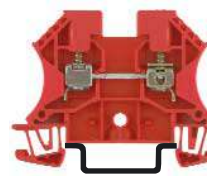
⁴⁾ I_{max} = 57 A

Coloured terminals

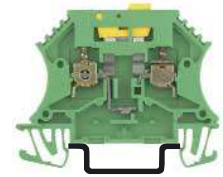
WDU 2.5



WDU 4



WTR 2.5



Max. technical data

Dimensions/approvals

Width/length/height (mm) with TS 35 x 7.5

Insulation stripping length/clamping screw/screwdriver blade

VDE rated data 0611 Part 1/8.92/IEC 60 947-7-1

Rated voltage/current/cross-section

Rated impulse voltage/pollution severity

Further technical data

UL/CSA rated data

Voltage/current/conductor size UL

Voltage/current/conductor size CSA

Ordering data

Version

- Dark beige Wemid
- Blue Wemid
- Yellow Wemid
- Green Wemid
- Brown Wemid
- Grey Wemid
- White Wemid
- Orange PA
- Red Wemid
- Violet PA
- Black Wemid

End plate/partition



WAP

WTW (thickness 1.5 mm)

- Dark beige Wemid
- Blue Wemid
- Yellow Wemid
- Green Wemid
- Brown Wemid
- Grey Wemid
- White Wemid
- Orange PA
- Red Wemid
- Violet PA
- Black Wemid
- Dark beige Wemid
- Blue Wemid

Cross-connection

WQV	ZQV	WQB 8/24	Screening bar LS 2.8	2-pol.	3-pol.	4-pol.	10-pol.
1053660000	50	1693800000	60				
1053760000	50	1693810000	60				
1053860000	50	1693820000	60				
1053860000	20	1693880000	60				

Notching tools WAW 1 for WQV and

WAW 2 for notching the punch-out in the terminal support

Test adapter



TA 1



Strain relief

Test plug/socket

PS 2.3 StB 8.5



Screwdriver SDIK for StB Cat. No.: 9024930000

Cover

WAD with symbol

WAD white, for self-labelling

Group marking



WGB

WSD 2.5 T5 Tag carrier for S 10 markers

Marking tags



DEK

WS

Standard
neutral
indiv. printed

Mounting rails, end brackets, further marking materials see "Accessories"

32 A/4 mm²

UL CSA LR DNV

5/60/47

10 mm/M 2.5/3.5 x 0.6

800 V/24 A/2.5 mm²

8 kV/3

see WDU 2.5 page 4

600 V/25 A/22...12 AWG

600 V/20 A/26...12 AWG

Type	Cat. No.	Qty.
WAP 2.5-10	1050000000	50
WAP 2.5-10	1050080000	50
WAP 2.5-10	1050020000	50
WAP 2.5-10	1072200000	50
WAP 2.5-10	1050070000	50
WAP 2.5-10	1050050000	50
WAP 2.5-10	1050090000	50
WAP 2.5-10	1050060000	50
WAP 2.5-10	1050040000	50
WAP 2.5-10	1072210000	50
WAP 2.5-10	1072210000	50
WAP 2.5-10	1050010000	50
WTW 2.5-10	1050100000	20
WTW 2.5-10	1050180000	20

Type	Cat. No.	Qty.
WQV 2.5N	Qty. ZQV 2.5	Qty.
1053660000	50	1693800000 60
1053760000	50	1693810000 60
1053860000	50	1693820000 60
1053860000	20	1693880000 60
WQB B/24	1579060000	20
LS 2.8	1056400000	50
WAW 1	9004500000	1
WTA 2	1632320000	50
WTA 2/ZA	1632330000	50
WTA 2/10	1632340000	5
ZE 1	1632150000	50

Type	Cat. No.	Qty.
PS 2.3(ø 2.3)	0180400000	20
StB 8.5(ø 2.3)	0215700000	50
WAD 5	1053460000	50
WAD 5 white	1056060000	50
WGB 5	1050760000	50
T 5	0348500000	100
SF 10	0332400000	1000
SG 10	0332500000	1000
DEK 5	see "Accessories"	
WS 12/5	1609860000	720

46 A/6 mm²

UL CSA LR DNV

6/60/47

10 mm/M 3 /3.5 x 0.6

800 V/32 A /4 mm²

8 kV/3

see WDU 4 page 4

600 V/35 A/22...10 AWG

600 V/20 A/26...10 AWG

Type	Cat. No.	Qty.
WAP 2.5-10	1050000000	50
WAP 2.5-10	1050080000	50
WAP 2.5-10	1050020000	50
WAP 2.5-10	1072200000	50
WAP 2.5-10	1050070000	50
WAP 2.5-10	1050050000	50
WAP 2.5-10	1050090000	50
WAP 2.5-10	1050060000	50
WAP 2.5-10	1050040000	50
WAP 2.5-10	1072210000	50
WAP 2.5-10	1072210000	50
WAP 2.5-10	1050010000	50
WTW 2.5-10	1050100000	20
WTW 2.5-10	1050180000	20

Type	Cat. No.	Qty.
WQV 2.5N	Qty. ZQV 2.5	Qty.
1051960000	60	175825000 50
1054560000	60	1762630000 50
1054660000	60	1762620000 50
1052060000	20	1758260000 20
WQV 2.5/41	1758270000	10
LS 2.8	1056400000	50
WAW 1	9004500000	1
WTA 3	1632350000	50
WTA 3/ZA	1632360000	50
WTA 3/10	1632370000	5
ZE 1	1632150000	50

Type	Cat. No.	Qty.
PS 2.3(ø 2.3)	0180400000	20
StB 8.5(ø 2.3)	0280600000	50
WAD 5	1053460000	50
WAD 5 white	1056060000	50
WGB 5	1050760000	50
T 5	0348500000	100
SF 10	0332400000	1000
SG 10	0332500000	1000
DEK 6	see "Accessories"	
WS 12/6	1609900000	600

16 A/1.5 mm²

UL CSA LR DNV

5/60/49

10 mm/M 2.5/3³/3.5 x 0.6

800 V/16 A⁴/1.5 mm²

6 kV/3

see WTR 2.5 page 24

300 V/10 A/22...12 AWG

300 V/10 A/26...12 AWG

Type	Cat. No.	Qty.
Without StB		
1011100000	1011200000	100
1011180000	1011280000	100
1011120000	1011200000	100
1011130000	1011230000	100
1011150000	1011250000	100
1011190000	1011290000	100
1011160000	1011260000	100
1011140000	1011240000	100
	1019500000	100
1011110000	1011210000	100

Type	Cat. No.	Qty.
WAP 2.5-10	1050000000	50
WAP 2.5-10	1050080000	50
WAP 2.5-10	1050020000	50
WAP 2.5-10	1072200000	50
WAP 2.5-10	1050070000	50
WAP 2.5-10	1050050000	50
WAP 2.5-10	1050090000	50
WAP 2.5-10	1050060000	50
WAP 2.5-10	1050040000	50
WAP 2.5-10	1072210000	50
WAP 2.5-10	1072210000	50
WAP 2.5-10	1050010000	50
WTW 2.5-10	1050100000	20
WTW 2.5-10	1050180000	20

Type	Cat. No.	Qty.
QL 2	0215800000	100
QL 3	0215900000	100
QL 4	0216000000	50
QL 10	0338000000	20
BS-M 2.5 x 4.5		
	1062700000	100
WAW 2	9004510000	1
PS 2.3(ø 2.3)	0180400000	20

Diode support

Type	Cat. No.	Qty.
WSD 2.5 -K+	1058460000	25
WSD 2.5 +P-	1058560000	25
WSD 2.5 ¹⁾	1058660000	25
WSD 2.5 ²⁾	1058760000	25
DEK 5	see "Accessories"	
WS 12/5	1609860000	720

¹⁾ With wire link

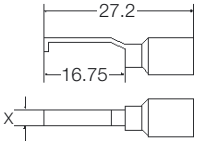
³⁾ With StB 2.3

²⁾ W/o special components

⁵⁾ Maximum power loss 1.6 W

⁴⁾ When using the diode plug with soldered diode, rated current is reduced to 1 A
When using the screening bar, rated data is reduced!

W-series terminals with clamping yoke and tension clamp



Note:

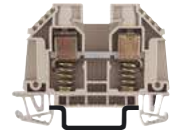
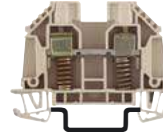
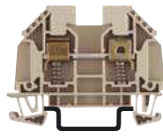
The insulation stripping length of the connection conductor is pre-defined. We advise to use hook-shaped cable lugs which are recommended by the relevant cable lug manufacturers. In this case, rated voltage is 250 V. If an end plate is inserted, rated voltage is 400 V.

WDU 4 SL



WDU 6 SL

WDU 10 SL



Dimensions/approvals	
Width/length/height (mm)	with TS 35 x 7.5
Width/length/height (mm)	+
Insulation stripping length/clamping screw/screwdriver blade	

Rated data	
Rated voltage/current/cross-section	
Rated impulse voltage/pollution severity	

Further technical data	
Tightening torque range	Nm
Torque setting with DMS 2 electric screwdriver	

Clampable conductors	
Solid H07V-U	mm ²
Stranded H07V-R	mm ²
Flexible H07V-K	mm ²
Max. clamping range in mm ² /Gauge pin acc. to IEC 60 947-7-1 Size	

Hook-shaped cable lugs acc. to ESI 50-18 Part 2	
Size 2 (x = 3 mm)	2 pieces
Size 1 (x = 4.6 mm)	2 pieces

Ordering data		Version
	Dark beige Wemid	
+	Dark beige Wemid	
	PA 66 black	
+	PA 66 black	

UL/CSA rated data	
Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA

Hook-shaped cable lugs	
	0.25–1.5 mm ² black
	1.25–2.5 mm ² black

End plate/partition			
WAP	WTW	Wemid	
	Thickness	Wemid	
	1.5 mm	Black Wemid	
		Black Wemid	

Cross-connection			
	WQV		
	ZQV		
	WQV 4/2	1051960000	50
	WQV 4/3	1054560000	50
	WQV 4/4	1054660000	50
	WQV 4/10	1052060000	20
	WAW1	9004500000	1
	ZQV 4N/2	1758250000	60
	ZQV 4N/3	1762630000	60
	ZQV 4N/4	1762620000	60
	ZQV 4N/10	1758260000	20
	ZQV 4N/41	1758270000	10

Test adapter	
WTA 5	WTA 3
	WTA 3
	WTA 3/ZA
	WTA 3/10
	ZE 1

Test plug/socket	
PS 2.3	StB 8.5
	PS 2.3 (ø 2.3)
	StB 8.5 (ø 2.3)

Cover	
WAD with symbol	
WAD white	
	WAD 5
	WAD 5 white

Group marking	
WGB	
T 5	
Tag carrier	
for S 10 markers	
	WGB 5
	T 5
	SF 10
	SG 10

Marking tags		Print
	DEK	Standard
	WS white	neutral
	WS	indiv. printed
	DEK 6	see "Accessories"
	WS 12/6	1609900000 600
	WS 12/6	1609910000 120

Mounting rails, end brackets, further marking materials see "Accessories"

UL/CSA	
6/60/47	
6/60/52	
15 mm/M 3/3.5 x 0.6	

IEC	
500 V/32 A/4mm ²	
6 kV/3	

Further technical data	
0.5...1	
2	

Clampable conductors	
0.5...6	
1.5...6	
0.5...4	
0.13...6	A4

Hook-shaped cable lugs acc. to ESI 50-18 Part 2	
0.28...1.5	

IEC	Qty.
9537440000	50
9537450000	50
9537500000	50
9537510000	50

UL/CSA	
600 V/30 A/22...10	
300 V/25 A/22...10	

Hook-shaped cable lugs	
9036290000	100

Type	Cat. No.	Qty.
WAP 2.5-10	1050000000	50
WTW 2.5-10	1050100000	20
WAP	1050010000	50
WTW	1050110000	20

UL/CSA	
8/60/47	
8/60/52	
16 mm/M 3.5/4 x 0.8	

IEC		ESI
500 V/24 A		500 V/41 A/6mm ²
6 kV/3		

Further technical data	
0.8...1.4	
3	

Clampable conductors	
0.5...10	
1.5...10	
0.5...6	
0.5...10	A4

Hook-shaped cable lugs acc. to ESI 50-18 Part 2	
0.28...1.5/1...2.5	
0.28...1.5/1...2.5	

ESI	IEC	Qty.
	9537460000	50
	9537470000	50
9537420000		50
9537430000		50

UL/CSA	
150 V/45 A/20...8	
300 V/45 A/20...8	

Hook-shaped cable lugs	
9036290000	100
9036300000	100

Type	Cat. No.	Qty.
WAP 2.5-10	1050000000	50
WTW 2.5-10	1050100000	20
WAP	1050010000	50
WTW	1050110000	2

Test adapter	
WTA 5/1	1051260000 25

Test plug/socket	
PS 2.3 (ø 2.3)	0180400000 20
PS 4 (ø 4)	0299600000 20
StB 8.5 (ø 2.3)	0280600000 50
StB 14 (ø 4)	0169900000 50

Cover	
WAD 8	1053560000 50
WAD 8 white	1056160000 50

Group marking	
WGB 8	1050960000 50
T 5	0348500000 100
SF 10	0332400000 1000
SG 10	0332500000 1000

Marking tags		Print
	DEK 8	see "Accessories"
	WS 12/6.5	1609920000 540
	WS 12/6.5	1609930000 108

UL/CSA	
10/60/47	
10/60/52	
17 mm/M 4/5.5 x 1.0	

IEC		ESI
500 V/36 A		500 V/57 A/10mm ²
6 kV/3		

Further technical data	
1.2...2.4	
4	

Clampable conductors	
1.5...16	
1.5...16	
1.5...10	
1.31...10	A5

Hook-shaped cable lugs acc. to ESI 50-18 Part 2	
0.28...1.5/1...2.5	
0.28...1.5/1...2.5	

ESI	IEC	Qty.
	9537480000	50
	9537490000	50
9537400000		50
9537410000		50

UL/CSA	
150 V/50 A/16...8	
300 V/65 A/16...6	

Hook-shaped cable lugs	
9036290000	100
9036300000	100

Type	Cat. No.	Qty.
WAP 2.5-10	1050000000	50
WTW 2.5-10	1050100000	20
WAP	1050010000	50
WTW	1050110000	20

Test adapter	
WTA 5/1	1051260000 25

Test plug/socket	
PS 2.3 (ø 2.3)	0180400000 20
PS 4 (ø 4)	0299600000 20
StB 8.5 (ø 2.3)	0280600000 50
StB 14 (ø 4)	0169900000 50

Cover	
WAD 8	1053560000 50
WAD 8 white	1056160000 50

Group marking	
WGB 8	1050960000 50
T 5	0348500000 100
SF 10	0332400000 1000
SG 10	0332500000 1000

Marking tags		Print
	DEK 5	see "Accessories"
	WS 12/6.5	1609920000 540
	WS 12/6.5	1609930000 108

W-series terminals with clamping yoke + spring

WTL 6 SL



WTD 6 SL



Dimensions/approvals

Width/length/height (mm)	with TS 35
Width/length/height (mm)	+
Insulation stripping length/clamping screw/screwdriver blade	16 mm/M 3.5/4.0 x 0.8

Rated data	
Rated voltage/current/cross-section	500 V/24 A/6mm ²
Rated impulse voltage/pollution severity	6 kV/3

Further technical data	
Tightening torque range	Nm 0.8...1.4
Torque setting with DMS 2 electric screwdriver	3

Clampable conductors	
Solid H07V-U	mm ² 0.5...10
Stranded H07V-R	mm ² 1.5...10
Flexible H07V-K	mm ² 0.5...6
Max. clamping range in mm ²	0.5...10
Gauge pin acc. to IEC 60 947-1	A4

Hook-shaped cable lugs acc. to ESI 50-18 Part 2	
Size 2 (x = 3 mm)	2 pieces 0.28...1.5/1...2.5
Size 1 (x = 4.6 mm)	2 pieces 0.28...1.5/1...2.5

UL/CSA rated data	
Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA

Ordering data		Version	
	Dark beige Wemid	WTL 6 SL	9538070000
	Dark beige Wemid	WTL 6 SL	9538080000
	Black PA 66	WTL 6 SL	9538020000
	Black PA 66	WTL 6 SL	9538030000

Hook-shaped cable lugs	
0.25–1.5 mm ² black	9036290000
1.25–2.5 mm ² black	9036300000

End plate/partition	
Dark beige Wemid	WAP 9538110000 20
Black PA 66	WAP 9538060000 20

Cross-connection	
	2-pole QL2 0194300000 50
	3-pole QL3 0194400000 50
	4-pole QL4 0194500000 50
	10-pole QL10 0338300000 20
	BS 0292500000 100
	QVSK 0318000000 100
	QVS 2 0307300000 20
	QVSK 2 1670360000 20
	QVS 3 0329300000 20
	QVS 4 0307400000 20

Test plug	
	PS 4 0299600000 20

Test socket screw	
StB 25 GE	StB 25 GE 0267200000 50
StB 25 GN	StB 25 GN 0271200000 50
StB 25 VI	StB 25 VI 0271300000 50
StB 35 GE	StB 35 GE 0389000000 50
StB 35 GN	StB 35 GN 0388900000 50
StB 35 VI	StB 35 VI 0389100000 50
StB 14	StB 14 0169900000 50

Disconnect lock	
SSP 3	0531760000 100

Marking tags		Print	
	DEK Standard	DEK 8	see "Accessories"
	WS white neutral	WS 12/6.5	1609920000 540
	WS indiv. printed	WS 12/6.5	1609930000 108

Mounting rails, end brackets, further marking materials see "Accessories"

Width/length/height (mm)	8/83/50
Width/length/height (mm)	8/83/49
Insulation stripping length/clamping screw/screwdriver blade	16 mm/M 3.5/4.0 x 0.8

Rated data	
Rated voltage/current/cross-section	500 V/24 A/6mm ²
Rated impulse voltage/pollution severity	6 kV/3

Further technical data	
Tightening torque range	0.8...1.4
Torque setting with DMS 2 electric screwdriver	3

Clampable conductors	
Solid H07V-U	0.5...10
Stranded H07V-R	1.5...10
Flexible H07V-K	0.5...6
Max. clamping range in mm ²	0.5...10
Gauge pin acc. to IEC 60 947-1	A4

Hook-shaped cable lugs acc. to ESI 50-18 Part 2	
0.28...1.5/1...2.5	0.28...1.5/1...2.5
0.28...1.5/1...2.5	0.28...1.5/1...2.5

UL/CSA rated data	
Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA

Ordering data		Version	
	Dark beige Wemid	WTD 6 SL	9538090000
	Dark beige Wemid	WTD 6 SL	9538100000
	Black PA 66	WTD 6 SL	9538040000
	Black PA 66	WTD 6 SL	9538050000

Hook-shaped cable lugs	
0.25–1.5 mm ² black	9036290000
1.25–2.5 mm ² black	9036300000

End plate/partition	
Dark beige Wemid	WAP 9538110000 20
Black PA 66	WAP 9538060000 20

Cross-connection	
	QL 2 0194300000 50
	QL 3 0194400000 50
	QL 4 0194500000 50
	QL 10 0338300000 20
	QVS 0292500000 100
	VH 19 0318000000 100
	QVS 2 0307300000 20
	QVSK 2 1670360000 20
	QVS 3 0329300000 20
	QVS 4 0307400000 20

Test plug	
	PS 4 0299600000 20

Test socket screw	
StB 25 GE	StB 25 GE 0267200000 50
StB 25 GN	StB 25 GN 0271200000 50
StB 25 VI	StB 25 VI 0271300000 50
StB 35 GE	StB 35 GE 0389000000 50
StB 35 GN	StB 35 GN 0388900000 50
StB 35 VI	StB 35 VI 0389100000 50
StB 14	StB 14 0169900000 50

Disconnect lock	
SSP 3	0531760000 100

Marking tags		Print	
	DEK Standard	DEK 8	see "Accessories"
	WS white neutral	WS 12/6.5	1609920000 540
	WS indiv. printed	WS 12/6.5	1609930000 108

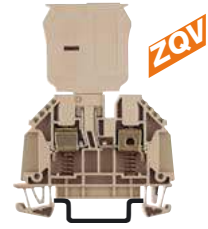
Mounting rails, end brackets, further marking materials see "Accessories"

W-series terminals with clamping yoke + spring

WTR 4 SL



WTR 4 SI SL



Dimensions/approvals

Width/length/height (mm) with TS 35
 Width/length/height (mm)
 Insulation stripping length/clamping screw/screwdriver blade

UL 6/60/47

12.5/M3/3.5 x 0.6

UL 6/60/52

12.5/M3/3.5 x 0.6

Rated data

Rated voltage/current/cross-section
 Rated impulse voltage/pollution severity

500 V/24 A/4mm²
 6 kV/3

400 V/6.3³⁾ A/4mm²
 6 kV/3

Further technical data

Tightening torque range Nm
 Torque setting with DMS 2 electric screwdriver

0.5...1
 2

0.5...1
 2

Clampable conductors

Solid H07V-U mm²
 Stranded H07V-R mm²
 Flexible H07V-K mm²
 Max. clamping range in mm²
 Gauge pin acc. to IEC 60 947-1

0.5...6
 1.5...4
 0.5...4
 0.13...6
 A4

0.5...6
 1.5...4
 0.5...4
 0.13...6
 A4

Hook-shaped cable lugs acc. to ESI 50-18 Part 2

Size 2 (x = 3 mm) 2 pieces
 Size 1 (x = 4.6 mm) 2 pieces

0.28...1.5/1...2.5

0.28...1.5/1...2.5

UL/CSA rated data

Voltage/current/conductor size UL
 Voltage/current/conductor size CSA

300 V/22 A/22...10 AWG
 300 V⁴⁾/24 A/22...10 AWG

300 V/6.3 A/22...12 AWG
 300 V/6.3 A/22...10 AWG

Ordering data

Version
 Dark beige Wemid
 Blue Wemid
 Black PA 66
 Dark beige Wemid
 Blue Wemid
 Black PA 66

	With StB2.3	Without StB	Qty.
WTR 4 SL	7910300000	7910270000	50
WTR 4 SL	7910310000	7910280000	50
WTR 4 SL	7910320000	7910290000	50
WTR 4 SL	7910390000	7910360000	50
WTR 4 SL	7910400000	7910370000	50
WTR 4 SL	7910410000	7910380000	50
		9036290000	

	Without StB	Qty.
WTR 4 SI SL	7910330000	50
WTR 4 SI SL	7910350000	50
WTR 4 SI SL	7910420000	50
WTR 4 SI SL	7910440000	50
	9036290000	

Hook-shaped cable lugs

0.25–1.5 mm² black

End plate/partition

Dark beige Wemid
 Black PA 66
 Blue Wemid
 WAP
 WTW Dark beige Wemid

WAP	1050000000	50
WAP	1050010000	50
WAP	1050080000	50
WTW	1050100000	20

WAP	1050000000	50
WAP	1050010000	50
WAP	1050080000	50
WTW	1050100000	20

Cross-connection

ZQV 2-pole
 3-pole
 4-pole
 10-pole
 41-pole
 neutral

ZQV 4N/2	1758250000	60
ZQV 4N/3	1762630000	60
ZQV 4N/4	1762620000	60
ZQV 4N/10	1758260000	20
ZQV 4N/41	1758270000	10
QB 75/6.2/15	0535200000	10
ISPF QB75 SW	0526700000	10
ISPF QB75 BL	0526780000	10
ISPF QB75 RT	0526760000	10

ZQV 4N/2	1758250000	60
ZQV 4N/3	1762630000	60
ZQV 4N/4	1762620000	60
ZQV 4N/10	1758260000	20
ZQV 4N/41	1758270000	10
QB 75/6.2/15	0535200000	10
ISPF QB75 SW	0526700000	10
ISPF QB75 BL	0526780000	10
ISPF QB75 RT	0526760000	10

Test plug

PS 2.3
 Test adapter WTA 6

	0180400000	20
	1632380000	25

	0180400000	20
	1632380000	25

Fuse holder

for 5x20 SIHA

SIHA 2/G 20 400 V-
 SIHA 2/G 20 12 V-/24 V-
 SIHA 2/G 20 20-30 V-/40-60 V-
 SIHA 2/G 20 40-60 V-/80-220 V-
 SIHA 2/G 20 115 V-/230 V-

	9537600000	25
	9537610000	25
	9537620000	25
	9537630000	25
	9537640000	25

	9537600000	25
	9537610000	25
	9537620000	25
	9537630000	25
	9537640000	25

Marking tags

DEK Standard
 WS white neutral
 WS indiv. printed

	Print		
DEK 6	see "Accessories"		
WS 12/6	1609900000	600	
WS 12/6	1609910000	120	

	Print		
DEK 6	see "Accessories"		
WS 12/6	1609900000	600	
WS 12/6	1609910000	120	

Mounting rails, end brackets, further marking materials see "Accessories"

³⁾ Maximum power loss 1.6 W

⁴⁾ With WAP or WTW 600V/22 A

Terminals with electronic components

Incorporating electronic components into a terminal makes the connection point an active part of the installation. The unused space within a terminal can be sensibly used for signal indication, for suppressing sparks, or for signal conditioning. Weidmüller's range principally covers

Terminals with indicator

to display the switching state, signals and the operating voltage. This indication simplifies the start-up process, monitoring, servicing and repairs of the installation.

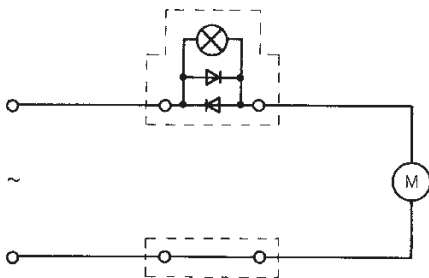
The range of terminals covers double-deck terminals for voltage/current monitoring, fuse terminals with outage display and disconnect test terminals for signalling disconnections.

Various coloured LEDs, glow lamps (low consumption) or regular bulbs are used for signal indication.

Typical applications are:

• Monitoring a ventilator motor

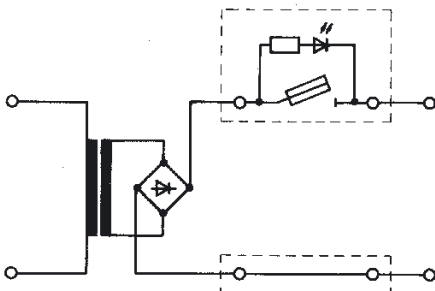
Displaying the current flow slows the operating status of the ventilator.



Typical example:

• Protecting a power supply

A lit LED shows a tripped fuse, whereby a small residual current is flowing through the terminal.



A status display without residual current is provided by the EGS fuse component.

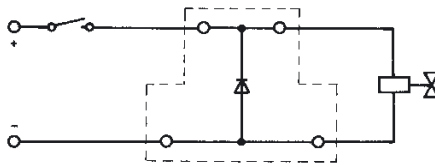
Terminal with diode

for suppressing inductivity or for linking signals.

Typical example:

• Eliminating sparks on switching a DC valve

The electromagnetic energy stored in the coil fades through the diode on opening the contact.

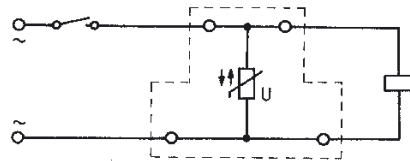


Typical example:

• Protecting contacts on switching an inductive AC load

A varistor limits the peak voltage on switching off the load.

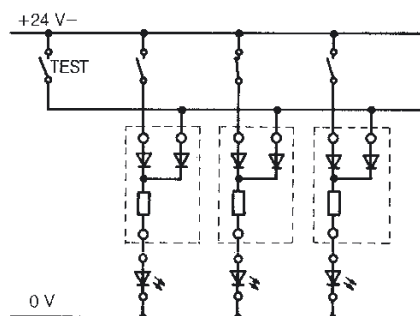
This prevents arcing and related burning of contacts.



Typical example:

• Test switch for LED display panels

The primary resistors for the LEDs are integrated into the terminal. Two diodes decouple control and test signals.



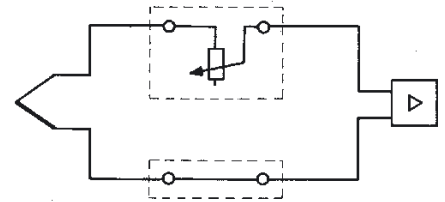
Compensating terminals

In measurement, control and regulation technology various cable lengths and tolerances in the sensors necessitate matching of the circuits.

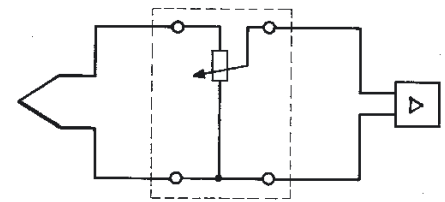
For this, we offer a combination of terminal and potentiometer an: Type SAKL 4.

Typical example:

• Temperature measurement



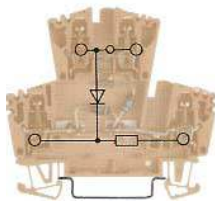
A further variation provides a **voltage distributor** in a terminal.



Terminals with indicator

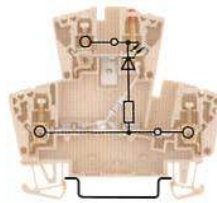
WDK 2.5 LD

Direct **voltage** indicator



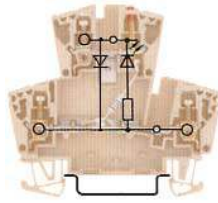
WDK 2.5 LD

Direct **voltage** indicator



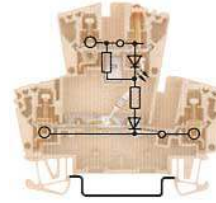
WDK 2.5 LD

Direct **voltage** indicator



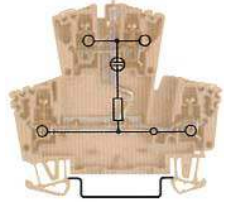
WDK 2.5 LD

Alternating **voltage** indicator



WDK 2.5 GL

Alternating **voltage** indicator



Dimensions		mm													
Length		69		69		69		69		69					
Height (incl. TS 35x7.5)		63		63		63		63		63					
Terminal width															
(+ assembly tolerance 0.2)		5		5		5		5		5					
Insulation stripping length		10		10		10		10		10					
Connection data															
Screw connection, flexible		0.5...2.5 mm ²		0.5...2.5 mm ²		0.5...2.5 mm ²		0.5...2.5 mm ²		0.5...2.5 mm ²					
Conductor cross-connection		AWG 26...12		AWG 26...12		AWG 26...12		AWG 26...12		AWG 26...12					
VDE rated data															
Current of through-busbar		10 A		10 A		10 A		10 A		10 A					
Cross-section		2.5 mm ²		2.5 mm ²		2.5 mm ²		2.5 mm ²		2.5 mm ²					
LED current		< 5 mA		< 5 mA		< 5 mA		< 5 mA		< 5 mA					
Voltage/indication		Type	Cat. No.	Type	Cat. No.	Type	Cat. No.	Type	Cat. No.	Type	Cat. No.				
24 V~/red LED		WDK 2.5 LD	8023630000	WDK 2.5 LD	1023600000			WDK 2.5 LD	8019050000						
24 V~/green LED		WDK 2.5 LD	8010040000	WDK 2.5 LD	8023610000	WDK 2.5 LD	8161430000								
115 V~/red LED								WDK 2.5 LD	8006320000						
230 V~/red LED								WDK 2.5 LD	8013140000						
230 V~/glow lamp										WDK 2.5 GD	8013840000				
Accessories		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.		
Mounting rail (length 2 m)		TS 35 x 75	0383400000	2m	TS 35 x 7.5	0383400000	2m	TS 35 x 7.5	0383400000	2m	TS 35 x 7.5	0383400000	2m		
		slotted	0514500000	2m	slotted	0514500000	2m	slotted	0514500000	m	slotted	0514500000	2m		
		TS 35 x 15	0498000000	2m	TS 35 x 15	0498000000	2m	TS 35 x 15	0498000000	2m	TS 35 x 15	0498000000	2m		
End bracket		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.		
EW 35 (thickness 8.5 mm)		EW 35	0383560000	50	EW 35	0383560000	50	EW 35	0383560000	50	EW 35	0383560000	50		
End plate		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.		
WAP (thickness 1.5 mm)		WAP	1059100000	100	WAP	1059100000	100	WAP	1059100000	100	WAP	1059100000	100		
Cross-connection (pre-assembled)															
2-pole	WQV 2.5	1053660000	50	WQV 2.5	1053660000	50	WQV 2.5	1053660000	50	WQV 2.5	1053660000	50	WQV 2.5	1053660000	50
3-pole	WQV 2.5	1053760000	50	WQV 2.5	1053760000	50	WQV 2.5	1053760000	50	WQV 2.5	1053760000	50	WQV 2.5	1053760000	50
4-pole	WQV 2.5	1053860000	50	WQV 2.5	1053860000	50	WQV 2.5	1053860000	50	WQV 2.5	1053860000	50	WQV 2.5	1053860000	50
10-pole	WQV 2.5	1054460000	50	WQV 2.5	1054460000	50	WQV 2.5	1054460000	50	WQV 2.5	1054460000	50	WQV 2.5	1054460000	50
Marking tags		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.		
Print															
DEK	FW/FS/...	DEK 5	see "Accessories"		DEK 5	see "Accessories"		DEK 5	see "Accessories"		DEK 5	see "Accessories"			
WS white	neutral	WS 8/5	1640740000	720	WS 8/5	1640740000	720	WS 8/5	1640740000	720	WS 8/5	1640740000	720		
WS	indiv. printed	WS 8/5	1773360000	300	WS 8/5	1773360000	300	WS 8/5	1773360000	300	WS 8/5	1773360000	300		
Mounting rails, end brackets, further marking materials see "Accessories"															

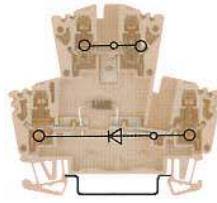


Terminals with diodes

(Other versions on request)

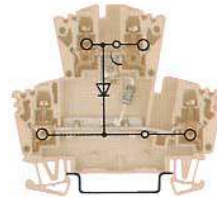
WDK 2.5 D

Diode terminal, e.g. reverse polarity protection



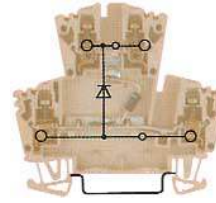
WDK 2.5 D

Arc suppression circuit for contactors and solenoid valves (DC voltage)



WDK 2.5 D

Arc suppression circuit for contactors and solenoid valves (DC voltage)

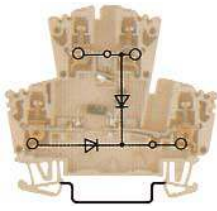


Dimensions										
Length	mm	69		69		69				
Height (incl. TS 35x7.5)	mm	63		63		63				
Terminal width (+ assembly tolerance 0.2)	mm	5		5		5				
Insulation stripping length	mm	10		10		10				
Connection data										
Screw connection, flexible		0.5...2.5 mm ²		0.5...2.5 mm ²		0.5...2.5 mm ²				
Conductor cross-connection		AWG 26...12		AWG 26...12		AWG 26...12				
VDE rated data										
Voltage		380 V~		380 V~		380 V~				
Diode reverse voltage		1000 V		1000 V		1000 V				
Diode current		1 A		1 A		1 A				
Current of through-busbar		10 A		10 A		10 A				
Diode										
		1 N 4007		1 N 4007		1 N 4007				
Terminal colour										
		Dark beige Wemid		Dark beige Wemid		Dark beige Wemid				
Ordering data		Type	Cat. No.	Type	Cat. No.	Type	Cat. No.			
		WDK 2.5 D	8025610000	WDK 2.5 D	1023400000	WDK 2.5 D	1023300000			
Accessories		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Mounting rail (length 2 m)		TS 35 x 7.5	0383400000	2 m	TS 35 x 7.5	0383400000	2 m	TS 35 x 7.5	0383400000	2 m
		slotted	0514500000	2 m	slotted	0514500000	2 m	slotted	0514500000	2 m
		TS 35 x 15	0498000000	2 m	TS 35 x 15	0498000000	2 m	TS 35 x 15	0498000000	2 m
End bracket										
EW 35 (thickness 8.5 mm)		EW 35 (8.5)	0383560000	50	EW 35 (8.5)	0383560000	50	EW 35 (8.5)	0383560000	50
End plate										
WAP (thickness 1.5 mm)		WAP	1059100000	100	WAP	1059100000	100	WAP	1059100000	100
Cross-connection (pre-assembled)										
2-pole		WQV 2.5	1053660000	50	WQV 2.5	1053660000	50	WQV 2.5	1053660000	50
3-pole		WQV 2.5	1053760000	50	WQV 2.5	1053760000	50	WQV 2.5	1053760000	50
4-pole		WQV 2.5	1053860000	50	WQV 2.5	1053860000	50	WQV 2.5	1053860000	50
10-pole		WQV 2.5	1054460000	50	WQV 2.5	1054460000	50	WQV 2.5	1054460000	50
Marking tags										
Print										
DEK Standard		DEK 5	see "Accessories"		DEK 5	see "Accessories"		DEK 5	see "Accessories"	
WS white neutral		WS 8/5	1640740000	720	WS 8/5	1640740000	720	WS 8/5	1640740000	720
WS indiv. printed		WS 8/5	1773360000	300	WS 8/5	1773360000	300	WS 8/5	1773360000	300
Mounting rails, end brackets, further marking materials see "Accessories"										

Terminals with diodes

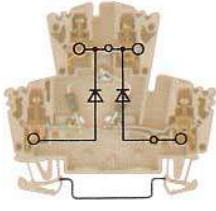
WDK 2.5 D

Diode terminal for lamp test circuits



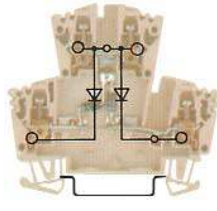
WDK 2.5 D

Diode terminal for lamp test circuits



WDK 2.5 D

Diode terminal for lamp test circuits



WDK 2.5 D		WDK 2.5 D		WDK 2.5 D				
69		69		69				
63		63		63				
5		5		5				
10		10		10				
0.5...2.5 mm ²		0.5...2.5 mm ²		0.5...2.5 mm ²				
AWG 26...12		AWG 26...12		AWG 26...12				
380 V~		380 V~		380 V~				
1000 V		1000 V		1000 V				
1 A		1 A		1 A				
10 A		10 A		10 A				
1 N 4007		1 N 4007		1 N 4007				
Dark beige Wemid		Dark beige Wemid		Dark beige Wemid				
Type	Best. Nr	Type	Cat. No.	Type	Cat. No.			
WDK 2.5 D	1023500000	WDK 2.5 D	1022600000	WDK 2.5 D	8014670000			
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
TS 35 x 7.5	0383400000	2m	TS 35 x 7.5	0383400000	2m	TS 35 x 7.5	0383400000	2m
slotted	0514500000	2m	slotted	0514500000	2m	slotted	0514500000	2m
TS 35 x 15	0498000000	2m	TS 35 x 15	0498000000	2m	TS 35 x 15	0498000000	2m
EW 35 (8.5)	0383560000	50	EW 35 (8.5)	0383560000	50	EW 35 (8.5)	0383560000	50
WAP	1059100000	100	WAP	1059100000	100	WAP	1059100000	100
WQV 2.5	1053660000	50	WQV 2.5	1053660000	50	WQV 2.5	1053660000	50
WQV 2.5	1053760000	50	WQV 2.5	1053760000	50	WQV 2.5	1053760000	50
WQV 2.5	1053860000	50	WQV 2.5	1053860000	50	WQV 2.5	1053860000	50
WQV 2.5	1054460000	50	WQV 2.5	1054460000	50	WQV 2.5	1054460000	50
DEK 5	see "Accessories"		DEK 5	see "Accessories"		DEK 5	see "Accessories"	
WS 8/5	1640740000	720	WS 8/5	1640740000	720	WS 8/5	1640740000	720
WS 8/5	1773360000	300	WS 8/5	1773360000	300	WS 8/5	1773360000	300

Terminals with electronic components

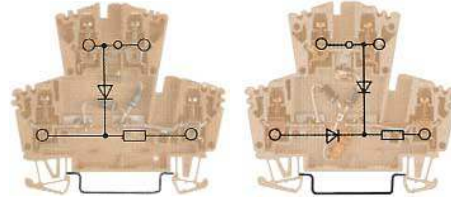
(Other versions on request)

WDK 2.5 D

Diode terminal for lamp test circuits, with series resistor

WDK 2.5 D

Diode terminal for lamp test circuits, with series resistor



Dimensions					
Length	mm	69		69	
Height (incl. TS 35 x 7.5)	mm	63		63	
Terminal width (+ assembly tolerance 0.2)	mm	5		5	
Insulation stripping length	mm	10		10	

Connection data					
Screw connection, flexible		0.5...2.5 mm ²		0.5...2.5 mm ²	
Conductor cross-connection		AWG 26...12		AWG 26...12	

VDE rated data					
Voltage		24 V-		24 V-	
Diode current		1 A		1 A	
Current of through-busbar		10 A		10 A	
Diode		1 N 4007		1 N 4007	
Resistance		1.5 kΩ		1.5 kΩ	

Ordering data		Type	Cat. No.	Type	Cat. No.
		WDK 2.5 D	8016940000	WDK 2.5 D	8012260000

Accessories		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Mounting rail (length 2 m)		TS 35 x 7.5	0383400000	2m	TS 35 x 7.5	0383400000	2m
		slotted	0514500000	2m	slotted	0514500000	2m
		TS 35 x 15	0498000000	2m	TS 35 x 15	0498000000	2m

End bracket		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
	EW 35 (thickness 8.5 mm)	EW 35 (8.5)	0383560000	50	EW 35 (8.5)	0383560000	50

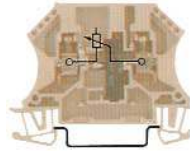
End plate		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
	WAP (thickness 1.5 mm)	WAP	1059100000	100	WAP	1059100000	100

Cross-connection (pre-assembled)		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
	2-pole	WQV 2.5	1053660000	50	WQV 2.5	1053660000	50
	3-pole	WQV 2.5	1053760000	50	WQV 2.5	1053760000	50
	4-pole	WQV 2.5	1053860000	50	WQV 2.5	1053860000	50
	10-pole	WQV 2.5	1054460000	50	WQV 2.5	1054460000	50

Marking tags		Print	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
	DEK	Standard	DEK 5	see "Accessories"		DEK 5	see "Accessories"	
	WS white	neutral	WS 8/5	1640740000	720	WS 8/5	1640740000	720
	WS	indiv. printed	WS 8/5	1773360000	300	WS 8/5	1773360000	300

Mounting rails, end brackets, further marking materials see "Accessories"

WDUL 4/...



Dimensions					
Length	mm	60			
Height (incl. TS 35 x 7.5)	mm	47			
Terminal width (+ assembly tolerance 0.2)	mm	6			
Insulation stripping length	mm	9/10			
Connection data					
Screw connection, solid		0.5...4 mm ²			
Screw connection, flexible		0.5...4 mm ²			
Conductor cross-connection		AWG 22...12			
VDE rated data					
Power		1 W			
Cross-section		4 mm ²			

Ordering data		Type	Cat. No.	Qty.			
Resistance	10 Ω	WDUL 4/10	1027000000	10			
	30 Ω	WDUL 4/30	1027100000	10			
	50 Ω	WDUL 4/50	1027200000	10			
	100 Ω	WDUL 4/100	1027300000	10			
	500 Ω	WDUL 4/500	1027400000	10			
	1 kΩ	WDUL 4/1K	1027500000	10			
	5 kΩ	WDUL 4/5K	1027600000	10			
	10 kΩ	WDUL4/10K	1027700000	10			
	50 kΩ	WDUL4/50K	1027800000	10			
	100 kΩ	WDUL4/100K	1027900000	10			
	500 kΩ	WDUL4/500K	1028000000	10			
	2 MΩ	WDUL 4/2M	1028100000	10			
		WDUL 4	8161820000	10			
		(without potentiometer)					

Accessories					
Mounting rail (length 2 m)		TS 35	0383400000	-	
End bracket (thickness mm)		EW 35 (8.5)	0383560000	50	
End plate (thickness mm)		WAP 2.5-10	1050000000	50	
Partition (thickness mm)		TW PA (1.5)	1050100000	20	
Screening bar		LS 2.8	1056400000	100	
Solder lug					

Technical data for the 30 Ω compensation resistor

Resistor material: "Cermet"

Resistor setting range: 0...30 Ω

Curve form: linear

Temperature coefficient: ± 100 ppm/°C

Mechanical service life: 200 actuations without permissible deviations throughout the entire resistance range

Resistance change per spindle turn: ≈ 1.2 Ω

Rated output for total resistance: 1 W at 70 °C

Rated current: 120 mA

Ambient temperature: -55 °C to +70 °C

Sealing:

- 1) Leak-tested in water with 70 °C without foaming
- 2) Storage in SFW 2.0 S acc. to DIN 50018, 9 cycles

